The Monthly Effect
Dow Jones Industrial Average 1886-2004

| Month | Jan | Febr | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Observations | 119 | 118 | 118 | 118 | 118 | 118 | 118 | 117 | 116 | 116 | 116 | 115 |
| Up Month | 77 | 58 | 70 | 67 | 61 | 56 | 71 | 76 | 49 | 64 | 69 | 81 |
| \% of Total | 64.7\% | 49.2\% | 59.3\% | 56.8\% | 51.7\% | 47.5\% | 60.2\% | 65.0\% | 42.2\% | 55.2\% | 59.5\% | 70.4\% |
| Number of times market up for the year when month was up | 60 | 43 | 48 | 48 | 45 | 41 | 50 | 54 | 32 | 43 | 52 | 53 |
| Number of times market was up 11 months later | 54 | 39 | 42 | 43 | 42 | 38 | 44 | 48 | 31 | 39 | 46 | 48 |
| Probability of being up for year if month was up | 77.9\% | 74.1\% | 68.6\% | 71.6\% | 73.8\% | 73.2\% | 70.4\% | 71.1\% | 65.3\% | 67.2\% | 75.4\% | 65.4\% |
| Probability of being up 11 months later if month was up | 70.1\% | 67.2\% | 60.0\% | 64.2\% | 68.9\% | 67.9\% | 62.0\% | 63.2\% | 63.3\% | 60.9\% | 66.7\% | 59.3\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Down Month | 42 | 60 | 48 | 51 | 57 | 62 | 47 | 41 | 67 | 52 | 47 | 34 |
| \% of Total | 35.3\% | 50.8\% | 40.7\% | 43.2\% | 48.3\% | 52.5\% | 39.8\% | 35.0\% | 57.8\% | 44.8\% | 40.5\% | 29.6\% |
| Number of times market down for the year when month was down | 26 | 25 | 19 | 23 | 29 | 30 | 23 | 21 | 27 | 24 | 21 | 17 |
| Number of times market was down 11 months later | 21 | 21 | 16 | 21 | 23 | 25 | 19 | 16 | 24 | 16 | 21 | 15 |
| Probability of being down for year if month was down | 61.9\% | 41.7\% | 39.6\% | 45.1\% | 50.9\% | 48.4\% | 48.9\% | 51.2\% | 40.3\% | 46.2\% | 44.7\% | 50.0\% |
| Probability of being down 11 months later if month was down | 50.0\% | 35.0\% | 33.3\% | 41.2\% | 40.4\% | 40.3\% | 40.4\% | 39.0\% | 35.8\% | 30.8\% | 44.7\% | 44.1\% |

The Monthly Effect for January

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | January <br> Change | Change for Year | Change from end of January |
| 1886 | -3.95\% | 4.78\% | 9.09\% |
| 1887 | -3.85\% | -8.42\% | -4.75\% |
| 1888 | 0.19\% | 4.80\% | 4.60\% |
| 1889 | 0.56\% | 5.52\% | 4.93\% |
| 1890 | 1.79\% | -10.58\% | -12.15\% |
| 1891 | 3.26\% | 11.11\% | 7.61\% |
| 1892 | -0.62\% | -3.35\% | -2.75\% |
| 1893 | 1.95\% | -17.98\% | -19.55\% |
| 1894 | 4.90\% | -0.50\% | -5.15\% |
| 1895 | -1.00\% | 1.68\% | 2.71\% |
| 1896 | 2.92\% | 4.07\% | 1.13\% |
| 1897 | 5.23\% | 22.17\% | 16.10\% |
| 1898 | 1.22\% | 22.46\% | 20.99\% |
| 1899 | 6.34\% | 9.20\% | 2.69\% |
| 1900 | 0.06\% | 7.00\% | 6.94\% |
| 1901 | -5.52\% | -8.71\% | -3.37\% |
| 1902 | 0.61\% | -0.40\% | -1.01\% |
| 1903 | 1.38\% | -23.61\% | -24.65\% |
| 1904 | -0.42\% | 41.72\% | 42.31\% |
| 1905 | 2.47\% | 38.20\% | 34.87\% |
| 1906 | 4.67\% | -1.92\% | -6.29\% |
| 1907 | -2.81\% | -37.73\% | -35.93\% |
| 1908 | 6.71\% | 46.63\% | 37.40\% |
| 1909 | -2.39\% | 14.97\% | 17.79\% |
| 1910 | -7.21\% | -17.86\% | -11.48\% |
| 1911 | 4.40\% | 0.40\% | -3.83\% |
| 1912 | -1.84\% | 7.57\% | 9.58\% |
| 1913 | -4.72\% | -10.35\% | -5.90\% |
| 1914 | 5.16\% | -5.42\% | -10.07\% |
| 1915 | 4.73\% | 81.66\% | 73.46\% |
| 1916 | -8.64\% | -4.19\% | 4.88\% |
| 1917 | 0.45\% | -21.71\% | -22.06\% |
| 1918 | 7.29\% | 10.51\% | 3.01\% |
| 1919 | -1.93\% | 30.45\% | 33.02\% |
| 1920 | -3.18\% | -32.90\% | -30.70\% |
| 1921 | 5.81\% | 12.72\% | 6.53\% |
| 1922 | 0.25\% | 21.74\% | 21.44\% |
| 1923 | -1.32\% | -3.25\% | -1.96\% |
| 1924 | 5.38\% | 26.16\% | 19.72\% |
| 1925 | 2.25\% | 30.00\% | 27.14\% |
| 1926 | 0.50\% | 0.34\% | -0.15\% |
| 1927 | -0.50\% | 28.75\% | 29.40\% |
| 1928 | -1.88\% | 48.22\% | 51.07\% |
| 1929 | 5.84\% | -17.17\% | -21.74\% |
| 1930 | 7.51\% | -33.77\% | -38.39\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | January Change | Change for Year | Change from end of January |
| 1976 | 14.41\% | 17.86\% | 3.01\% |
| 1975 | 14.19\% | 38.32\% | 21.13\% |
| 1987 | 13.82\% | 2.26\% | -10.16\% |
| 1967 | 8.17\% | 15.20\% | 6.50\% |
| 1989 | 8.01\% | 26.96\% | 17.54\% |
| 1930 | 7.51\% | -33.77\% | -38.39\% |
| 1934 | 7.33\% | 4.14\% | -2.97\% |
| 1918 | 7.29\% | 10.51\% | 3.01\% |
| 1908 | 6.71\% | 46.63\% | 37.40\% |
| 1899 | 6.34\% | 9.20\% | 2.69\% |
| 1985 | 6.21\% | 27.66\% | 20.20\% |
| 1946 | 6.10\% | -8.14\% | -13.42\% |
| 1994 | 5.97\% | 2.14\% | -3.62\% |
| 1929 | 5.84\% | -17.17\% | -21.74\% |
| 1921 | 5.81\% | 12.72\% | 6.53\% |
| 1951 | 5.70\% | 14.37\% | 8.20\% |
| 1997 | 5.66\% | 22.64\% | 16.07\% |
| 1996 | 5.44\% | 26.01\% | 19.52\% |
| 1924 | 5.38\% | 26.16\% | 19.72\% |
| 1961 | 5.25\% | 18.71\% | 12.80\% |
| 1897 | 5.23\% | 22.17\% | 16.10\% |
| 1943 | 5.18\% | 13.81\% | 8.21\% |
| 1914 | 5.16\% | -5.42\% | -10.07\% |
| 1894 | 4.90\% | -0.50\% | -5.15\% |
| 1915 | 4.73\% | 81.66\% | 73.46\% |
| 1963 | 4.72\% | 17.00\% | 11.73\% |
| 1906 | 4.67\% | -1.92\% | -6.29\% |
| 1980 | 4.42\% | 14.93\% | 10.06\% |
| 1911 | 4.40\% | 0.40\% | -3.83\% |
| 1979 | 4.25\% | 4.19\% | -0.06\% |
| 1954 | 4.09\% | 43.96\% | 38.31\% |
| 1991 | 3.90\% | 20.32\% | 15.80\% |
| 1936 | 3.72\% | 24.82\% | 20.34\% |
| 1971 | 3.53\% | 6.11\% | 2.50\% |
| 1958 | 3.29\% | 33.96\% | 29.69\% |
| 1965 | 3.29\% | 10.88\% | 7.35\% |
| 1891 | 3.26\% | 11.11\% | 7.61\% |
| 1937 | 3.25\% | -32.82\% | -34.94\% |
| 1964 | 2.93\% | 14.57\% | 11.31\% |
| 1896 | 2.92\% | 4.07\% | 1.13\% |
| 1983 | 2.79\% | 20.27\% | 17.01\% |
| 1905 | 2.47\% | 38.20\% | 34.87\% |
| 1925 | 2.25\% | 30.00\% | 27.14\% |
| 1893 | 1.95\% | -17.98\% | -19.55\% |
| 1999 | 1.93\% | 25.22\% | 22.85\% |

The Monthly Effect for January

## Dow Jones Industrial Average 1886-2004

| Year | January <br> Change | Change <br> for Year | Change from <br> end of <br> Jand |
| ---: | ---: | ---: | ---: |
| 1931 | $1.80 \%$ | $-52.67 \%$ | $-53.51 \%$ |
| 1932 | $-2.20 \%$ | $-23.07 \%$ | $-21.34 \%$ |
| 1933 | $1.62 \%$ | $66.69 \%$ | $64.04 \%$ |
| 1934 | $7.33 \%$ | $4.14 \%$ | $-2.97 \%$ |
| 1935 | $-2.26 \%$ | $38.53 \%$ | $41.73 \%$ |
| 1936 | $3.72 \%$ | $24.82 \%$ | $20.34 \%$ |
| 1937 | $3.25 \%$ | $-32.82 \%$ | $-34.94 \%$ |
| 1938 | $0.84 \%$ | $28.06 \%$ | $26.99 \%$ |
| 1939 | $-7.11 \%$ | $-2.92 \%$ | $4.51 \%$ |
| 1940 | $-3.27 \%$ | $-12.72 \%$ | $-9.77 \%$ |
| 1941 | $-5.34 \%$ | $-15.38 \%$ | $-10.61 \%$ |
| 1942 | $-1.67 \%$ | $7.61 \%$ | $9.43 \%$ |
| 1943 | $5.18 \%$ | $13.81 \%$ | $8.21 \%$ |
| 1944 | $1.11 \%$ | $12.09 \%$ | $10.86 \%$ |
| 1945 | $0.89 \%$ | $26.65 \%$ | $25.54 \%$ |
| 1946 | $6.10 \%$ | $-8.14 \%$ | $-13.42 \%$ |
| 1947 | $1.83 \%$ | $2.23 \%$ | $0.40 \%$ |
| 1948 | $-3.37 \%$ | $-2.13 \%$ | $1.29 \%$ |
| 1949 | $1.03 \%$ | $12.88 \%$ | $11.73 \%$ |
| 1950 | $0.83 \%$ | $17.63 \%$ | $16.66 \%$ |
| 1951 | $5.70 \%$ | $14.37 \%$ | $8.20 \%$ |
| 1952 | $0.54 \%$ | $8.42 \%$ | $7.84 \%$ |
| 1953 | $-0.73 \%$ | $-3.77 \%$ | $-3.06 \%$ |
| 1954 | $4.09 \%$ | $43.96 \%$ | $38.31 \%$ |
| 1955 | $1.10 \%$ | $20.77 \%$ | $19.46 \%$ |
| 1956 | $-3.62 \%$ | $2.27 \%$ | $6.10 \%$ |
| 1957 | $-4.07 \%$ | $-12.77 \%$ | $-9.07 \%$ |
| 1958 | $3.29 \%$ | $33.96 \%$ | $29.69 \%$ |
| 1959 | $1.77 \%$ | $16.40 \%$ | $14.38 \%$ |
| 1960 | $-8.35 \%$ | $-9.34 \%$ | $-1.08 \%$ |
| 1961 | $5.25 \%$ | $18.71 \%$ | $12.80 \%$ |
| 1962 | $-4.26 \%$ | $-10.81 \%$ | $-6.84 \%$ |
| 1963 | $4.72 \%$ | $17.00 \%$ | $11.73 \%$ |
| 1964 | $2.93 \%$ | $14.57 \%$ | $11.31 \%$ |
| 1965 | $3.29 \%$ | $10.88 \%$ | $7.35 \%$ |
| 1966 | $1.47 \%$ | $-18.94 \%$ | $-20.11 \%$ |
| 1967 | $8.17 \%$ | $15.20 \%$ | $6.50 \%$ |
| 1968 | $-5.48 \%$ | $4.27 \%$ | $10.32 \%$ |
| 1969 | $0.24 \%$ | $-15.19 \%$ | $-15.40 \%$ |
| 1970 | $-7.03 \%$ | $4.82 \%$ | $12.75 \%$ |
| 1971 | $3.53 \%$ | $6.11 \%$ | $2.50 \%$ |
| 1972 | $1.34 \%$ | $14.58 \%$ | $13.06 \%$ |
| 1973 | $-2.06 \%$ | $-16.58 \%$ | $-14.83 \%$ |
| 1974 | $0.55 \%$ | $-27.57 \%$ | $-27.97 \%$ |
| $14.19 \%$ | $38.32 \%$ | $21.13 \%$ |  |
|  | $14.41 \%$ | $17.86 \%$ | $3.01 \%$ |


| Year | January <br> Change | Change <br> for Year | Change from <br> end of <br> Jany |
| ---: | ---: | ---: | ---: |
| 1947 | $1.83 \%$ | $2.23 \%$ | $0.40 \%$ |
| 1931 | $1.80 \%$ | $-52.67 \%$ | $-53.51 \%$ |
| 1890 | $1.79 \%$ | $-10.58 \%$ | $-12.15 \%$ |
| 1959 | $1.77 \%$ | $16.40 \%$ | $14.38 \%$ |
| 1992 | $1.72 \%$ | $4.17 \%$ | $2.41 \%$ |
| 1933 | $1.62 \%$ | $66.69 \%$ | $64.04 \%$ |
| 1986 | $1.57 \%$ | $22.58 \%$ | $20.69 \%$ |
| 1966 | $1.47 \%$ | $-18.94 \%$ | $-20.11 \%$ |
| 1903 | $1.38 \%$ | $-23.61 \%$ | $-24.65 \%$ |
| 1972 | $1.34 \%$ | $14.58 \%$ | $13.06 \%$ |
| 1898 | $1.22 \%$ | $22.46 \%$ | $20.99 \%$ |
| 1944 | $1.11 \%$ | $12.09 \%$ | $10.86 \%$ |
| 1955 | $1.10 \%$ | $20.77 \%$ | $19.46 \%$ |
| 1949 | $1.03 \%$ | $12.88 \%$ | $11.73 \%$ |
| 1988 | $1.00 \%$ | $11.85 \%$ | $10.74 \%$ |
| 2001 | $0.93 \%$ | $-7.10 \%$ | $-7.95 \%$ |
| 1945 | $0.89 \%$ | $26.65 \%$ | $25.54 \%$ |
| 1938 | $0.84 \%$ | $28.06 \%$ | $26.99 \%$ |
| 1950 | $0.83 \%$ | $17.63 \%$ | $16.66 \%$ |
| 1902 | $0.61 \%$ | $-0.40 \%$ | $-1.01 \%$ |
| 1889 | $0.56 \%$ | $5.52 \%$ | $4.93 \%$ |
| 1974 | $0.55 \%$ | $-27.57 \%$ | $-27.97 \%$ |
| 1952 | $0.54 \%$ | $8.42 \%$ | $7.84 \%$ |
| 1926 | $0.50 \%$ | $0.34 \%$ | $-0.15 \%$ |
| 1917 | $0.45 \%$ | $-21.71 \%$ | $-22.06 \%$ |
| 2004 | $0.33 \%$ | $3.15 \%$ | $2.81 \%$ |
| 1993 | $0.27 \%$ | $13.72 \%$ | $13.42 \%$ |
| 1922 | $0.25 \%$ | $21.74 \%$ | $21.44 \%$ |
| 1995 | $0.25 \%$ | $33.45 \%$ | $33.12 \%$ |
| 1969 | $0.24 \%$ | $-15.19 \%$ | $-15.40 \%$ |
| 1888 | $0.19 \%$ | $4.80 \%$ | $4.60 \%$ |
| 1900 | $0.06 \%$ | $7.00 \%$ | $6.94 \%$ |
| 1998 | $-0.02 \%$ | $16.10 \%$ | $16.13 \%$ |
| 1904 | $-0.42 \%$ | $41.72 \%$ | $42.31 \%$ |
| 1982 | $-0.45 \%$ | $19.60 \%$ | $20.14 \%$ |
| 1927 | $-0.50 \%$ | $28.75 \%$ | $29.40 \%$ |
| 1892 | $-0.62 \%$ | $-3.35 \%$ | $-2.75 \%$ |
| 1953 | $-0.73 \%$ | $-3.77 \%$ | $-3.06 \%$ |
| 1895 | $-1.00 \%$ | $1.68 \%$ | $2.71 \%$ |
| 2002 | $-1.01 \%$ | $-16.76 \%$ | $-15.91 \%$ |
| 1923 | $-1.32 \%$ | $-3.25 \%$ | $-1.96 \%$ |
| 1981 | $-1.67 \%$ | $7.61 \%$ | $9.43 \%$ |
| 1928 | $-1.73 \%$ | $-9.23 \%$ | $-7.63 \%$ |
|  | $-1.84 \%$ | $7.57 \%$ | $9.58 \%$ |
|  | $-1.93 \%$ | $30.45 \%$ | $33.02 \%$ |

The Monthly Effect for January

## Dow Jones Industrial Average 1886-2004

| Year | January <br> Change | Change <br> for Year | Change from <br> end of <br> January |
| ---: | ---: | ---: | ---: |
| 1977 | $-5.00 \%$ | $-17.27 \%$ | $-12.91 \%$ |
| 1978 | $-7.37 \%$ | $-3.15 \%$ | $4.56 \%$ |
| 1979 | $4.25 \%$ | $4.19 \%$ | $-0.06 \%$ |
| 1980 | $4.42 \%$ | $14.93 \%$ | $10.06 \%$ |
| 1981 | $-1.73 \%$ | $-9.23 \%$ | $-7.63 \%$ |
| 1982 | $-0.45 \%$ | $19.60 \%$ | $20.14 \%$ |
| 1983 | $2.79 \%$ | $20.27 \%$ | $17.01 \%$ |
| 1984 | $-3.02 \%$ | $-3.74 \%$ | $-0.74 \%$ |
| 1985 | $6.21 \%$ | $27.66 \%$ | $20.20 \%$ |
| 1986 | $1.57 \%$ | $22.58 \%$ | $20.69 \%$ |
| 1987 | $13.82 \%$ | $2.26 \%$ | $-10.16 \%$ |
| 1988 | $1.00 \%$ | $11.85 \%$ | $10.74 \%$ |
| 1989 | $8.01 \%$ | $26.96 \%$ | $17.54 \%$ |
| 1990 | $-5.91 \%$ | $-4.34 \%$ | $1.66 \%$ |
| 1991 | $3.90 \%$ | $20.32 \%$ | $15.80 \%$ |
| 1992 | $1.72 \%$ | $4.17 \%$ | $2.41 \%$ |
| 1993 | $0.27 \%$ | $13.72 \%$ | $13.42 \%$ |
| 1994 | $5.97 \%$ | $2.14 \%$ | $-3.62 \%$ |
| 1995 | $0.25 \%$ | $33.45 \%$ | $33.12 \%$ |
| 1996 | $5.44 \%$ | $26.01 \%$ | $19.52 \%$ |
| 1997 | $5.66 \%$ | $22.64 \%$ | $16.07 \%$ |
| 1998 | $-0.02 \%$ | $16.10 \%$ | $16.13 \%$ |
| 1999 | $1.93 \%$ | $25.22 \%$ | $22.85 \%$ |
| 2000 | $-4.84 \%$ | $-6.18 \%$ | $-1.40 \%$ |
| 2001 | $0.93 \%$ | $-7.10 \%$ | $-7.95 \%$ |
| 2002 | $-1.01 \%$ | $-16.76 \%$ | $-15.91 \%$ |
| 2003 | $-3.45 \%$ | $25.32 \%$ | $29.80 \%$ |
| 2004 | $0.33 \%$ | $3.15 \%$ | $2.81 \%$ |


| Year | January <br> Change | Change <br> for Year | Change from <br> end of <br> January |
| ---: | ---: | ---: | ---: |
| 1973 | $-2.06 \%$ | $-16.58 \%$ | $-14.83 \%$ |
| 1932 | $-2.20 \%$ | $-23.07 \%$ | $-21.34 \%$ |
| 1935 | $-2.26 \%$ | $38.53 \%$ | $41.73 \%$ |
| 1909 | $-2.39 \%$ | $14.97 \%$ | $17.79 \%$ |
| 1907 | $-2.81 \%$ | $-37.73 \%$ | $-35.93 \%$ |
| 1984 | $-3.02 \%$ | $-3.74 \%$ | $-0.74 \%$ |
| 1920 | $-3.18 \%$ | $-32.90 \%$ | $-30.70 \%$ |
| 1940 | $-3.27 \%$ | $-12.72 \%$ | $-9.77 \%$ |
| 1948 | $-3.37 \%$ | $-2.13 \%$ | $1.29 \%$ |
| 2003 | $-3.45 \%$ | $25.32 \%$ | $29.80 \%$ |
| 1956 | $-3.62 \%$ | $2.27 \%$ | $6.10 \%$ |
| 1887 | $-3.85 \%$ | $-8.42 \%$ | $-4.75 \%$ |
| 1886 | $-3.95 \%$ | $4.78 \%$ | $9.09 \%$ |
| 1957 | $-4.07 \%$ | $-12.77 \%$ | $-9.07 \%$ |
| 1962 | $-4.26 \%$ | $-10.81 \%$ | $-6.84 \%$ |
| 1913 | $-4.72 \%$ | $-10.35 \%$ | $-5.90 \%$ |
| 2000 | $-4.84 \%$ | $-6.18 \%$ | $-1.40 \%$ |
| 1977 | $-5.00 \%$ | $-17.27 \%$ | $-12.91 \%$ |
| 1941 | $-5.34 \%$ | $-15.38 \%$ | $-10.61 \%$ |
| 1968 | $-5.48 \%$ | $4.27 \%$ | $10.32 \%$ |
| 1901 | $-5.52 \%$ | $-8.71 \%$ | $-3.37 \%$ |
| 1990 | $-5.91 \%$ | $-4.34 \%$ | $1.66 \%$ |
| 1970 | $-7.03 \%$ | $4.82 \%$ | $12.75 \%$ |
| 1939 | $-7.11 \%$ | $-2.92 \%$ | $4.51 \%$ |
| 1910 | $-7.21 \%$ | $-17.86 \%$ | $-11.48 \%$ |
| 1978 | $-7.37 \%$ | $-3.15 \%$ | $4.56 \%$ |
| 1960 | $-8.35 \%$ | $-9.34 \%$ | $-1.08 \%$ |
| 1916 | $-8.64 \%$ | $-4.19 \%$ | $4.88 \%$ |

The Monthly Effect for February

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | February Change | Change for Year | Change from end of February |
| 1886 | 1.30\% | 4.89\% | 3.54\% |
| 1887 | 2.62\% | -4.57\% | -7.01\% |
| 1888 | -2.04\% | 5.19\% | 7.38\% |
| 1889 | -0.32\% | 6.81\% | 7.16\% |
| 1890 | -3.00\% | -9.29\% | -6.49\% |
| 1891 | 1.42\% | 6.94\% | 5.44\% |
| 1892 | 4.00\% | -0.85\% | -4.66\% |
| 1893 | -4.26\% | -15.61\% | -11.85\% |
| 1894 | -0.61\% | -6.10\% | -5.52\% |
| 1895 | -2.99\% | 5.70\% | 8.96\% |
| 1896 | 1.60\% | 6.42\% | 4.74\% |
| 1897 | -1.99\% | 17.51\% | 19.90\% |
| 1898 | -7.70\% | 28.66\% | 39.38\% |
| 1899 | 3.78\% | 2.76\% | -0.98\% |
| 1900 | -3.28\% | 1.03\% | 4.46\% |
| 1901 | 0.29\% | -2.78\% | -3.06\% |
| 1902 | -0.21\% | 0.36\% | 0.57\% |
| 1903 | 1.55\% | -24.96\% | -26.11\% |
| 1904 | -2.82\% | 45.83\% | 50.06\% |
| 1905 | 5.36\% | 41.17\% | 33.99\% |
| 1906 | -6.70\% | -8.92\% | -2.38\% |
| 1907 | -1.27\% | -31.63\% | -30.76\% |
| 1908 | -3.44\% | 34.12\% | 38.90\% |
| 1909 | -2.66\% | 9.30\% | 12.29\% |
| 1910 | -0.62\% | -7.59\% | -7.01\% |
| 1911 | 0.10\% | -5.59\% | -5.68\% |
| 1912 | 1.52\% | 4.41\% | 2.85\% |
| 1913 | -4.06\% | -1.04\% | 3.14\% |
| 1914 | -0.71\% | -5.82\% | -5.14\% |
| 1915 | -3.46\% | 58.47\% | 64.15\% |
| 1916 | 0.50\% | 5.35\% | 4.83\% |
| 1917 | -4.06\% | -16.38\% | -12.84\% |
| 1918 | 0.74\% | 1.02\% | 0.27\% |
| 1919 | 5.21\% | 28.79\% | 22.41\% |
| 1920 | -12.05\% | -26.67\% | -16.62\% |
| 1921 | -1.51\% | 6.79\% | 8.43\% |
| 1922 | 5.12\% | 19.84\% | 14.01\% |
| 1923 | 6.64\% | 3.32\% | -3.12\% |
| 1924 | -3.42\% | 22.41\% | 26.74\% |
| 1925 | -0.41\% | 27.77\% | 28.30\% |
| 1926 | -1.90\% | -0.65\% | 1.27\% |
| 1927 | 3.55\% | 26.97\% | 22.62\% |
| 1928 | -1.92\% | 59.88\% | 63.01\% |
| 1929 | -0.03\% | -15.86\% | -15.84\% |
| 1930 | 1.49\% | -37.28\% | -38.20\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | February Change | Change for Year | Change from end of February |
| 1931 | 13.20\% | -54.53\% | -59.83\% |
| 1986 | 8.79\% | 37.37\% | 26.27\% |
| 1998 | 8.08\% | 18.37\% | 9.51\% |
| 1932 | 6.89\% | -20.07\% | -25.22\% |
| 1923 | 6.64\% | 3.32\% | -3.12\% |
| 1938 | 6.38\% | 17.96\% | 10.89\% |
| 1988 | 5.79\% | 19.61\% | 13.07\% |
| 1905 | 5.36\% | 41.17\% | 33.99\% |
| 1991 | 5.33\% | 17.80\% | 11.84\% |
| 1919 | 5.21\% | 28.79\% | 22.41\% |
| 1922 | 5.12\% | 19.84\% | 14.01\% |
| 1975 | 5.02\% | 38.60\% | 31.96\% |
| 1970 | 4.51\% | 16.72\% | 11.69\% |
| 1945 | 4.38\% | 33.19\% | 27.60\% |
| 1995 | 4.35\% | 40.36\% | 34.51\% |
| 1892 | 4.00\% | -0.85\% | -4.66\% |
| 1899 | 3.78\% | 2.76\% | -0.98\% |
| 1943 | 3.61\% | 9.41\% | 5.60\% |
| 1927 | 3.55\% | 26.97\% | 22.62\% |
| 1983 | 3.43\% | 13.47\% | 9.70\% |
| 1987 | 3.06\% | -9.26\% | -11.95\% |
| 1981 | 2.88\% | -8.04\% | -10.62\% |
| 1972 | 2.88\% | 10.74\% | 7.64\% |
| 1956 | 2.74\% | 1.79\% | -0.93\% |
| 1887 | 2.62\% | -4.57\% | -7.01\% |
| 1939 | 2.46\% | 1.09\% | -1.34\% |
| 1961 | 2.14\% | 7.99\% | 5.73\% |
| 1964 | 1.88\% | 14.96\% | 12.84\% |
| 2002 | 1.88\% | -18.81\% | -20.31\% |
| 1993 | 1.84\% | 20.19\% | 18.02\% |
| 1936 | 1.78\% | 24.25\% | 22.08\% |
| 1996 | 1.67\% | 26.28\% | 24.20\% |
| 1959 | 1.61\% | 4.83\% | 3.17\% |
| 1896 | 1.60\% | 6.42\% | 4.74\% |
| 1903 | 1.55\% | -24.96\% | -26.11\% |
| 1912 | 1.52\% | 4.41\% | 2.85\% |
| 1930 | 1.49\% | -37.28\% | -38.20\% |
| 1891 | 1.42\% | 6.94\% | 5.44\% |
| 1990 | 1.42\% | 5.63\% | 4.15\% |
| 1992 | 1.37\% | 2.69\% | 1.30\% |
| 1886 | 1.30\% | 4.89\% | 3.54\% |
| 1951 | 1.29\% | 8.79\% | 7.40\% |
| 1960 | 1.20\% | 4.11\% | 2.87\% |
| 1971 | 1.19\% | 3.88\% | 2.66\% |
| 1962 | 1.15\% | -2.45\% | -3.56\% |

The Monthly Effect for February

## Dow Jones Industrial Average 1886-2004

| Year | February <br> Change | Change <br> for Year | Change from <br> end of <br> February |
| ---: | ---: | ---: | ---: |
| 1931 | $13.20 \%$ | $-54.53 \%$ | $-59.83 \%$ |
| 1932 | $6.89 \%$ | $-20.07 \%$ | $-25.22 \%$ |
| 1933 | $-15.62 \%$ | $76.06 \%$ | $108.64 \%$ |
| 1934 | $-3.51 \%$ | $-5.16 \%$ | $-1.71 \%$ |
| 1935 | $0.68 \%$ | $47.01 \%$ | $46.01 \%$ |
| 1936 | $1.78 \%$ | $24.25 \%$ | $22.08 \%$ |
| 1937 | $0.84 \%$ | $-34.39 \%$ | $-34.93 \%$ |
| 1938 | $6.38 \%$ | $17.96 \%$ | $10.89 \%$ |
| 1939 | $2.46 \%$ | $1.09 \%$ | $-1.34 \%$ |
| 1940 | $0.83 \%$ | $-14.59 \%$ | $-15.29 \%$ |
| 1941 | $-1.74 \%$ | $-12.10 \%$ | $-10.54 \%$ |
| 1942 | $-2.13 \%$ | $15.09 \%$ | $17.60 \%$ |
| 1943 | $3.61 \%$ | $9.41 \%$ | $5.60 \%$ |
| 1944 | $-0.80 \%$ | $11.84 \%$ | $12.74 \%$ |
| 1945 | $4.38 \%$ | $33.19 \%$ | $27.60 \%$ |
| 1946 | $-7.12 \%$ | $-11.84 \%$ | $-5.08 \%$ |
| 1947 | $-0.85 \%$ | $-2.99 \%$ | $-2.15 \%$ |
| 1948 | $-4.43 \%$ | $2.33 \%$ | $7.07 \%$ |
| 1949 | $-3.38 \%$ | $12.66 \%$ | $16.60 \%$ |
| 1950 | $0.82 \%$ | $23.31 \%$ | $22.31 \%$ |
| 1951 | $1.29 \%$ | $8.79 \%$ | $7.40 \%$ |
| 1952 | $-3.92 \%$ | $7.05 \%$ | $11.42 \%$ |
| 1953 | $-1.90 \%$ | $0.90 \%$ | $2.86 \%$ |
| 1954 | $0.74 \%$ | $39.82 \%$ | $38.80 \%$ |
| 1955 | $0.74 \%$ | $15.14 \%$ | $14.29 \%$ |
| 1956 | $2.74 \%$ | $1.79 \%$ | $-0.93 \%$ |
| 1957 | $-3.03 \%$ | $-6.08 \%$ | $-3.14 \%$ |
| 1958 | $-2.24 \%$ | $31.99 \%$ | $35.02 \%$ |
| 1959 | $1.61 \%$ | $4.83 \%$ | $3.17 \%$ |
| 1960 | $1.20 \%$ | $4.11 \%$ | $2.87 \%$ |
| 1961 | $2.14 \%$ | $7.99 \%$ | $5.73 \%$ |
| 1962 | $1.15 \%$ | $-2.45 \%$ | $-3.56 \%$ |
| 1963 | $-2.92 \%$ | $15.01 \%$ | $18.46 \%$ |
| 1964 | $1.88 \%$ | $14.96 \%$ | $12.84 \%$ |
| 1965 | $0.07 \%$ | $8.93 \%$ | $8.86 \%$ |
| 1966 | $-3.22 \%$ | $-13.59 \%$ | $-10.72 \%$ |
| 1967 | $-1.24 \%$ | $0.66 \%$ | $1.92 \%$ |
| 1968 | $-1.75 \%$ | $10.59 \%$ | $12.56 \%$ |
| 1969 | $-4.32 \%$ | $-21.35 \%$ | $-17.80 \%$ |
| 1970 | $4.51 \%$ | $16.72 \%$ | $11.69 \%$ |
| 1971 | $1.19 \%$ | $3.88 \%$ | $2.66 \%$ |
| 1973 | $2.88 \%$ | $10.74 \%$ | $7.64 \%$ |
| $-4.40 \%$ | $-14.36 \%$ | $-10.42 \%$ |  |
| 1974 | $0.58 \%$ | $-17.75 \%$ | $-18.23 \%$ |
|  | $-0.27 \%$ | $38.60 \%$ | $31.96 \%$ |


| Year | February <br> Change | Change <br> for Year | Change from <br> end of <br> February |
| ---: | ---: | ---: | ---: |
| 1997 | $0.95 \%$ | $16.05 \%$ | $14.96 \%$ |
| 1937 | $0.84 \%$ | $-34.39 \%$ | $-34.93 \%$ |
| 1940 | $0.83 \%$ | $-14.59 \%$ | $-15.29 \%$ |
| 1950 | $0.82 \%$ | $23.31 \%$ | $22.31 \%$ |
| 1955 | $0.74 \%$ | $15.14 \%$ | $14.29 \%$ |
| 1918 | $0.74 \%$ | $1.02 \%$ | $0.27 \%$ |
| 1954 | $0.74 \%$ | $39.82 \%$ | $38.80 \%$ |
| 1935 | $0.68 \%$ | $47.01 \%$ | $46.01 \%$ |
| 1974 | $0.58 \%$ | $-17.75 \%$ | $-18.23 \%$ |
| 1916 | $0.50 \%$ | $5.35 \%$ | $4.83 \%$ |
| 1901 | $0.29 \%$ | $-2.78 \%$ | $-3.06 \%$ |
| 1911 | $0.10 \%$ | $-5.59 \%$ | $-5.68 \%$ |
| 1965 | $0.07 \%$ | $8.93 \%$ | $8.86 \%$ |
| 1929 | $-0.03 \%$ | $-15.86 \%$ | $-15.84 \%$ |
| 1902 | $-0.21 \%$ | $0.36 \%$ | $0.57 \%$ |
| 1985 | $-0.21 \%$ | $22.09 \%$ | $22.35 \%$ |
| 1976 | $-0.27 \%$ | $-2.14 \%$ | $-1.88 \%$ |
| 1889 | $-0.32 \%$ | $6.81 \%$ | $7.16 \%$ |
| 1925 | $-0.41 \%$ | $27.77 \%$ | $28.30 \%$ |
| 1999 | $-0.56 \%$ | $16.90 \%$ | $17.56 \%$ |
| 1894 | $-0.61 \%$ | $-6.10 \%$ | $-5.52 \%$ |
| 1910 | $-0.62 \%$ | $-7.59 \%$ | $-7.01 \%$ |
| 1914 | $-0.71 \%$ | $-5.82 \%$ | $-5.14 \%$ |
| 1944 | $-0.80 \%$ | $11.84 \%$ | $12.74 \%$ |
| 1947 | $-0.85 \%$ | $-2.99 \%$ | $-2.15 \%$ |
| 1967 | $-1.24 \%$ | $0.66 \%$ | $1.92 \%$ |
| 1907 | $-1.27 \%$ | $-31.63 \%$ | $-30.76 \%$ |
| 1980 | $-1.45 \%$ | $8.15 \%$ | $9.75 \%$ |
| 1921 | $-1.51 \%$ | $6.79 \%$ | $8.43 \%$ |
| 1941 | $-1.74 \%$ | $-12.10 \%$ | $-10.54 \%$ |
| 1968 | $-1.75 \%$ | $10.59 \%$ | $12.56 \%$ |
| 1977 | $-1.88 \%$ | $-19.33 \%$ | $-17.78 \%$ |
| 1953 | $-1.90 \%$ | $0.90 \%$ | $2.86 \%$ |
| 1926 | $-1.90 \%$ | $-0.65 \%$ | $1.27 \%$ |
| 1928 | $-1.92 \%$ | $59.88 \%$ | $63.01 \%$ |
| 1897 | $-1.99 \%$ | $17.51 \%$ | $19.90 \%$ |
| 2003 | $-2.02 \%$ | $30.22 \%$ | $32.91 \%$ |
| 1888 | $-2.04 \%$ | $5.19 \%$ | $7.38 \%$ |
| 1942 | $-2.13 \%$ | $15.09 \%$ | $17.60 \%$ |
| 1958 | $-2.24 \%$ | $31.99 \%$ | $35.02 \%$ |
| 1909 | $-2.66 \%$ | $9.30 \%$ | $12.29 \%$ |
| 1904 | $-2.82 \%$ | $45.83 \%$ | $50.06 \%$ |
| 1963 | $-2.92 \%$ | $15.01 \%$ | $18.46 \%$ |
| 1895 | $-2.99 \%$ | $5.70 \%$ | $8.96 \%$ |
| $-3.00 \%$ | $-9.29 \%$ | $-6.49 \%$ |  |
|  | $-3.03 \%$ | $-6.08 \%$ | $-3.14 \%$ |

## The Monthly Effect for February

Dow Jones Industrial Average 1886-2004

| Year | February <br> Change | Change <br> for Year | Change from <br> end of <br> February |
| ---: | ---: | ---: | ---: |
| 1977 | $-1.88 \%$ | $-19.33 \%$ | $-17.78 \%$ |
| 1978 | $-3.61 \%$ | $9.00 \%$ | $13.08 \%$ |
| 1979 | $-3.62 \%$ | $4.36 \%$ | $8.29 \%$ |
| 1980 | $-1.45 \%$ | $8.15 \%$ | $9.75 \%$ |
| 1981 | $2.88 \%$ | $-8.04 \%$ | $-10.62 \%$ |
| 1982 | $-5.36 \%$ | $23.49 \%$ | $30.48 \%$ |
| 1983 | $3.43 \%$ | $13.47 \%$ | $9.70 \%$ |
| 1984 | $-5.40 \%$ | $5.42 \%$ | $11.44 \%$ |
| 1985 | $-0.21 \%$ | $22.09 \%$ | $22.35 \%$ |
| 1986 | $8.79 \%$ | $37.37 \%$ | $26.27 \%$ |
| 1987 | $3.06 \%$ | $-9.26 \%$ | $-11.95 \%$ |
| 1988 | $5.79 \%$ | $19.61 \%$ | $13.07 \%$ |
| 1989 | $-3.58 \%$ | $10.60 \%$ | $14.71 \%$ |
| 1990 | $1.42 \%$ | $5.63 \%$ | $4.15 \%$ |
| 1991 | $5.33 \%$ | $17.80 \%$ | $11.84 \%$ |
| 1992 | $1.37 \%$ | $2.69 \%$ | $1.30 \%$ |
| 1993 | $1.84 \%$ | $20.19 \%$ | $18.02 \%$ |
| 1994 | $-3.68 \%$ | $-3.38 \%$ | $0.31 \%$ |
| 1995 | $4.35 \%$ | $40.36 \%$ | $34.51 \%$ |
| 1996 | $1.67 \%$ | $26.28 \%$ | $24.20 \%$ |
| 1997 | $0.95 \%$ | $16.05 \%$ | $14.96 \%$ |
| 1998 | $8.08 \%$ | $18.37 \%$ | $9.51 \%$ |
| 1999 | $-0.56 \%$ | $16.90 \%$ | $17.56 \%$ |
| 2000 | $-7.42 \%$ | $-0.49 \%$ | $7.49 \%$ |
| 2001 | $-3.60 \%$ | $-8.89 \%$ | $-5.48 \%$ |
| 2002 | $1.88 \%$ | $-18.81 \%$ | $-20.31 \%$ |
| 2003 | $-2.02 \%$ | $30.22 \%$ | $32.91 \%$ |
|  |  |  |  |


| Year | February <br> Change | Change <br> for Year | Change from <br> end of |
| ---: | ---: | ---: | ---: |
| 1966 | $-3.22 \%$ | $-13.59 \%$ | $-10.72 \%$ |
| 1900 | $-3.28 \%$ | $1.03 \%$ | $4.46 \%$ |
| 1949 | $-3.38 \%$ | $12.66 \%$ | $16.60 \%$ |
| 1924 | $-3.42 \%$ | $22.41 \%$ | $26.74 \%$ |
| 1908 | $-3.44 \%$ | $34.12 \%$ | $38.90 \%$ |
| 1915 | $-3.46 \%$ | $58.47 \%$ | $64.15 \%$ |
| 1934 | $-3.51 \%$ | $-5.16 \%$ | $-1.71 \%$ |
| 1989 | $-3.58 \%$ | $10.60 \%$ | $14.71 \%$ |
| 2001 | $-3.60 \%$ | $-8.89 \%$ | $-5.48 \%$ |
| 1978 | $-3.61 \%$ | $9.00 \%$ | $13.08 \%$ |
| 1979 | $-3.62 \%$ | $4.36 \%$ | $8.29 \%$ |
| 1994 | $-3.68 \%$ | $-3.38 \%$ | $0.31 \%$ |
| 1952 | $-3.92 \%$ | $7.05 \%$ | $11.42 \%$ |
| 1917 | $-4.06 \%$ | $-16.38 \%$ | $-12.84 \%$ |
| 1913 | $-4.06 \%$ | $-1.04 \%$ | $3.14 \%$ |
| 1893 | $-4.26 \%$ | $-15.61 \%$ | $-11.85 \%$ |
| 1969 | $-4.32 \%$ | $-21.35 \%$ | $-17.80 \%$ |
| 1973 | $-4.40 \%$ | $-14.36 \%$ | $-10.42 \%$ |
| 1948 | $-4.43 \%$ | $2.33 \%$ | $7.07 \%$ |
| 1982 | $-5.36 \%$ | $23.49 \%$ | $30.48 \%$ |
| 1984 | $-5.40 \%$ | $5.42 \%$ | $11.44 \%$ |
| 1906 | $-6.70 \%$ | $-8.92 \%$ | $-2.38 \%$ |
| 1946 | $-7.12 \%$ | $-11.84 \%$ | $-5.08 \%$ |
| 2000 | $-7.42 \%$ | $-0.49 \%$ | $7.49 \%$ |
| 1898 | $-7.70 \%$ | $28.66 \%$ | $39.38 \%$ |
| 1920 | $-12.05 \%$ | $-26.67 \%$ | $-16.62 \%$ |
| 1933 | $-15.62 \%$ | $76.06 \%$ | $108.64 \%$ |

## The Monthly Effect for March <br> Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | March Change | Change for Year | Change from end of March |
| 1886 | -2.72\% | 6.26\% | 9.22\% |
| 1887 | 2.13\% | -8.91\% | -10.80\% |
| 1888 | -6.34\% | 7.03\% | 14.28\% |
| 1889 | -3.03\% | 3.95\% | 7.20\% |
| 1890 | 0.94\% | -5.16\% | -6.04\% |
| 1891 | -0.66\% | 9.65\% | 10.38\% |
| 1892 | -2.21\% | -8.72\% | -6.66\% |
| 1893 | 0.09\% | -12.39\% | -12.47\% |
| 1894 | 4.40\% | -8.35\% | -12.21\% |
| 1895 | 6.25\% | 10.71\% | 4.20\% |
| 1896 | -0.44\% | 2.65\% | 3.10\% |
| 1897 | -5.40\% | 10.67\% | 16.98\% |
| 1898 | -1.63\% | 44.65\% | 47.04\% |
| 1899 | 11.30\% | -4.23\% | -13.96\% |
| 1900 | 3.22\% | 4.76\% | 1.49\% |
| 1901 | 4.36\% | -3.26\% | -7.30\% |
| 1902 | 3.66\% | 2.13\% | -1.48\% |
| 1903 | -3.86\% | -28.19\% | -25.31\% |
| 1904 | 3.33\% | 58.10\% | 53.00\% |
| 1905 | 6.49\% | 25.01\% | 17.40\% |
| 1906 | 3.20\% | -3.62\% | -6.60\% |
| 1907 | -11.47\% | -33.14\% | -24.47\% |
| 1908 | 11.52\% | 35.20\% | 21.23\% |
| 1909 | 5.22\% | 11.59\% | 6.05\% |
| 1910 | -1.78\% | -6.92\% | -5.23\% |
| 1911 | -2.06\% | -4.25\% | -2.25\% |
| 1912 | 8.44\% | -1.32\% | -9.00\% |
| 1913 | 0.75\% | 2.41\% | 1.65\% |
| 1914 | 0.17\% | -8.43\% | -8.58\% |
| 1915 | 10.24\% | 64.97\% | 49.65\% |
| 1916 | 2.44\% | 0.58\% | -1.81\% |
| 1917 | 4.20\% | -12.20\% | -15.74\% |
| 1918 | -4.57\% | 5.50\% | 10.54\% |
| 1919 | 4.76\% | 7.66\% | 2.77\% |
| 1920 | 12.59\% | -17.88\% | -27.07\% |
| 1921 | 1.04\% | 13.98\% | 12.80\% |
| 1922 | 4.20\% | 21.58\% | 16.68\% |
| 1923 | -1.11\% | -6.43\% | -5.38\% |
| 1924 | -4.33\% | 26.22\% | 31.93\% |
| 1925 | -4.86\% | 25.87\% | 32.29\% |
| 1926 | -9.06\% | 4.86\% | 15.31\% |
| 1927 | -1.16\% | 20.26\% | 21.68\% |
| 1928 | 9.53\% | 62.96\% | 48.77\% |
| 1929 | -2.70\% | -14.59\% | -12.22\% |
| 1930 | 5.53\% | -30.04\% | -33.71\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | March <br> Change | Change for Year | Change from end of March |
| 1920 | 12.59\% | -17.88\% | -27.07\% |
| 1908 | 11.52\% | 35.20\% | 21.23\% |
| 1899 | 11.30\% | -4.23\% | -13.96\% |
| 1915 | 10.24\% | 64.97\% | 49.65\% |
| 1928 | 9.53\% | 62.96\% | 48.77\% |
| 1912 | 8.44\% | -1.32\% | -9.00\% |
| 2000 | 7.84\% | 3.62\% | -3.91\% |
| 1933 | 7.80\% | 101.32\% | 86.75\% |
| 1979 | 6.60\% | 6.72\% | 0.11\% |
| 1905 | 6.49\% | 25.01\% | 17.40\% |
| 1986 | 6.41\% | 30.13\% | 22.29\% |
| 1895 | 6.25\% | 10.71\% | 4.20\% |
| 1948 | 5.92\% | 3.44\% | -2.34\% |
| 1956 | 5.82\% | -3.93\% | -9.22\% |
| 1930 | 5.53\% | -30.04\% | -33.71\% |
| 1909 | 5.22\% | 11.59\% | 6.05\% |
| 1999 | 5.15\% | 8.83\% | 3.50\% |
| 1946 | 5.08\% | -5.89\% | -10.44\% |
| 1943 | 4.97\% | 4.76\% | -0.20\% |
| 1919 | 4.76\% | 7.66\% | 2.77\% |
| 1894 | 4.40\% | -8.35\% | -12.21\% |
| 1901 | 4.36\% | -3.26\% | -7.30\% |
| 1917 | 4.20\% | -12.20\% | -15.74\% |
| 1922 | 4.20\% | 21.58\% | 16.68\% |
| 1975 | 3.94\% | 31.60\% | 26.62\% |
| 1902 | 3.66\% | 2.13\% | -1.48\% |
| 1995 | 3.66\% | 36.76\% | 31.94\% |
| 1987 | 3.63\% | -6.85\% | -10.11\% |
| 1952 | 3.61\% | 9.30\% | 5.50\% |
| 1969 | 3.34\% | -14.10\% | -16.88\% |
| 1904 | 3.33\% | 58.10\% | 53.00\% |
| 1900 | 3.22\% | 4.76\% | 1.49\% |
| 1906 | 3.20\% | -3.62\% | -6.60\% |
| 1967 | 3.17\% | 0.13\% | -2.94\% |
| 1954 | 3.05\% | 39.83\% | 35.70\% |
| 1990 | 3.04\% | 9.70\% | 6.46\% |
| 1981 | 3.01\% | -15.41\% | -17.88\% |
| 1998 | 2.97\% | 8.90\% | 5.76\% |
| 1963 | 2.95\% | 20.70\% | 17.23\% |
| 2002 | 2.95\% | -21.92\% | -24.15\% |
| 1971 | 2.91\% | 5.61\% | 2.63\% |
| 1976 | 2.76\% | -3.72\% | -6.31\% |
| 1936 | 2.75\% | 23.10\% | 19.80\% |
| 1916 | 2.44\% | 0.58\% | -1.81\% |
| 1949 | 2.33\% | 17.55\% | 14.87\% |

The Monthly Effect for March
Dow Jones Industrial Average 1886-2004

| Year | March <br> Change | Change <br> for Year | Change from <br> end of March |
| ---: | ---: | ---: | ---: |
| 1931 | $-9.12 \%$ | $-57.06 \%$ | $-52.75 \%$ |
| 1932 | $-10.02 \%$ | $-36.90 \%$ | $-29.87 \%$ |
| 1933 | $7.80 \%$ | $101.32 \%$ | $86.75 \%$ |
| 1934 | $-1.56 \%$ | $-1.04 \%$ | $0.52 \%$ |
| 1935 | $-1.53 \%$ | $48.61 \%$ | $50.93 \%$ |
| 1936 | $2.75 \%$ | $23.10 \%$ | $19.80 \%$ |
| 1937 | $-0.48 \%$ | $-30.78 \%$ | $-30.45 \%$ |
| 1938 | $-23.67 \%$ | $13.62 \%$ | $48.86 \%$ |
| 1939 | $-10.50 \%$ | $-0.52 \%$ | $11.15 \%$ |
| 1940 | $0.96 \%$ | $-16.77 \%$ | $-17.56 \%$ |
| 1941 | $0.61 \%$ | $-12.45 \%$ | $-12.98 \%$ |
| 1942 | $-6.80 \%$ | $21.84 \%$ | $30.72 \%$ |
| 1943 | $4.97 \%$ | $4.76 \%$ | $-0.20 \%$ |
| 1944 | $1.86 \%$ | $17.68 \%$ | $15.53 \%$ |
| 1945 | $-3.73 \%$ | $18.51 \%$ | $23.11 \%$ |
| 1946 | $5.08 \%$ | $-5.89 \%$ | $-10.44 \%$ |
| 1947 | $-0.95 \%$ | $-6.48 \%$ | $-5.59 \%$ |
| 1948 | $5.92 \%$ | $3.44 \%$ | $-2.34 \%$ |
| 1949 | $2.33 \%$ | $17.55 \%$ | $14.87 \%$ |
| 1950 | $1.28 \%$ | $23.89 \%$ | $22.32 \%$ |
| 1951 | $-1.63 \%$ | $3.19 \%$ | $4.90 \%$ |
| 1952 | $3.61 \%$ | $9.30 \%$ | $5.50 \%$ |
| 1953 | $-1.55 \%$ | $3.61 \%$ | $5.24 \%$ |
| 1954 | $3.05 \%$ | $39.83 \%$ | $35.70 \%$ |
| 1955 | $-0.53 \%$ | $17.43 \%$ | $18.05 \%$ |
| 1956 | $5.82 \%$ | $-3.93 \%$ | $-9.22 \%$ |
| 1957 | $2.19 \%$ | $-5.32 \%$ | $-7.35 \%$ |
| 1958 | $1.55 \%$ | $37.18 \%$ | $35.08 \%$ |
| 1959 | $-0.30 \%$ | $4.41 \%$ | $4.72 \%$ |
| 1960 | $-2.15 \%$ | $5.07 \%$ | $7.38 \%$ |
| 1961 | $2.20 \%$ | $6.94 \%$ | $4.64 \%$ |
| 1962 | $-0.16 \%$ | $-6.37 \%$ | $-6.23 \%$ |
| 1963 | $2.95 \%$ | $20.70 \%$ | $17.23 \%$ |
| 1964 | $1.64 \%$ | $12.92 \%$ | $11.09 \%$ |
| 1965 | $-1.60 \%$ | $5.36 \%$ | $7.07 \%$ |
| 1966 | $-2.85 \%$ | $-11.82 \%$ | $-9.23 \%$ |
| 1967 | $3.17 \%$ | $0.13 \%$ | $-2.94 \%$ |
| 1968 | $0.02 \%$ | $7.70 \%$ | $7.68 \%$ |
| 1969 | $3.34 \%$ | $-14.10 \%$ | $-16.88 \%$ |
| 1970 | $1.03 \%$ | $13.02 \%$ | $11.87 \%$ |
| 1971 | $2.91 \%$ | $5.61 \%$ | $2.63 \%$ |
| 1972 | $1.35 \%$ | $2.90 \%$ | $1.53 \%$ |
| 1973 | $-0.43 \%$ | $-9.90 \%$ | $-9.51 \%$ |
| $-1.61 \%$ | $-14.12 \%$ | $-12.71 \%$ |  |
|  | $3.94 \%$ | $31.60 \%$ | $26.62 \%$ |


|  | March <br> Year <br> Change | Change <br> for Year | Change from <br> end of March |
| ---: | ---: | ---: | ---: |
| 1961 | $2.20 \%$ | $6.94 \%$ | $4.64 \%$ |
| 1957 | $2.19 \%$ | $-5.32 \%$ | $-7.35 \%$ |
| 1887 | $2.13 \%$ | $-8.91 \%$ | $-10.80 \%$ |
| 1978 | $2.05 \%$ | $8.99 \%$ | $6.79 \%$ |
| 1993 | $1.91 \%$ | $13.68 \%$ | $11.55 \%$ |
| 1944 | $1.86 \%$ | $17.68 \%$ | $15.53 \%$ |
| 1996 | $1.85 \%$ | $25.38 \%$ | $23.10 \%$ |
| 1964 | $1.64 \%$ | $12.92 \%$ | $11.09 \%$ |
| 1983 | $1.56 \%$ | $3.78 \%$ | $2.18 \%$ |
| 1989 | $1.56 \%$ | $16.33 \%$ | $14.55 \%$ |
| 1958 | $1.55 \%$ | $37.18 \%$ | $35.08 \%$ |
| 1972 | $1.35 \%$ | $2.90 \%$ | $1.53 \%$ |
| 1950 | $1.28 \%$ | $23.89 \%$ | $22.32 \%$ |
| 2003 | $1.28 \%$ | $34.13 \%$ | $32.43 \%$ |
| 1991 | $1.10 \%$ | $13.37 \%$ | $12.14 \%$ |
| 1921 | $1.04 \%$ | $13.98 \%$ | $12.80 \%$ |
| 1970 | $1.03 \%$ | $13.02 \%$ | $11.87 \%$ |
| 1940 | $0.96 \%$ | $-16.77 \%$ | $-17.56 \%$ |
| 1890 | $0.94 \%$ | $-5.16 \%$ | $-6.04 \%$ |
| 1984 | $0.89 \%$ | $11.21 \%$ | $10.23 \%$ |
| 1913 | $0.75 \%$ | $2.41 \%$ | $1.65 \%$ |
| 1941 | $0.61 \%$ | $-12.45 \%$ | $-12.98 \%$ |
| 1914 | $0.17 \%$ | $-8.43 \%$ | $-8.58 \%$ |
| 1893 | $0.09 \%$ | $-12.39 \%$ | $-12.47 \%$ |
| 1968 | $0.02 \%$ | $7.70 \%$ | $7.68 \%$ |
| 1962 | $-0.16 \%$ | $-6.37 \%$ | $-6.23 \%$ |
| 1982 | $-0.20 \%$ | $34.96 \%$ | $35.23 \%$ |
| 1959 | $-0.30 \%$ | $4.41 \%$ | $4.72 \%$ |
| 1973 | $-0.43 \%$ | $-9.90 \%$ | $-9.51 \%$ |
| 1896 | $-0.44 \%$ | $2.65 \%$ | $3.10 \%$ |
| 1937 | $-0.48 \%$ | $-30.78 \%$ | $-30.45 \%$ |
| 1955 | $-0.53 \%$ | $17.43 \%$ | $18.05 \%$ |
| 1891 | $-0.66 \%$ | $9.65 \%$ | $10.38 \%$ |
| 1947 | $-0.95 \%$ | $-6.48 \%$ | $-5.59 \%$ |
| 1992 | $-0.99 \%$ | $3.16 \%$ | $4.18 \%$ |
| 1923 | $-1.11 \%$ | $-6.43 \%$ | $-5.38 \%$ |
| 1927 | $-1.16 \%$ | $20.26 \%$ | $21.68 \%$ |
| 1985 | $-1.34 \%$ | $33.10 \%$ | $34.91 \%$ |
| 1935 | $-1.53 \%$ | $48.61 \%$ | $50.93 \%$ |
| 1953 | $-1.55 \%$ | $3.61 \%$ | $5.24 \%$ |
| 1934 | $-1.56 \%$ | $-1.04 \%$ | $0.52 \%$ |
| 1965 | $-1.60 \%$ | $5.36 \%$ | $7.07 \%$ |
| 1974 | $-1.61 \%$ | $-14.12 \%$ | $-12.71 \%$ |
| 1898 | $-1.63 \%$ | $44.65 \%$ | $47.04 \%$ |
| $-1.63 \%$ | $3.19 \%$ | $4.90 \%$ |  |
|  | $-1.78 \%$ | $-6.92 \%$ | $-5.23 \%$ |

The Monthly Effect for March
Dow Jones Industrial Average 1886-2004

| Year | March <br> Change | Change <br> for Year | Change from <br> end of March |
| ---: | ---: | ---: | ---: |
| 1977 | $-1.85 \%$ | $-20.75 \%$ | $-19.26 \%$ |
| 1978 | $2.05 \%$ | $8.99 \%$ | $6.79 \%$ |
| 1979 | $6.60 \%$ | $6.72 \%$ | $0.11 \%$ |
| 1980 | $-8.97 \%$ | $12.91 \%$ | $24.03 \%$ |
| 1981 | $3.01 \%$ | $-15.41 \%$ | $-17.88 \%$ |
| 1982 | $-0.20 \%$ | $34.96 \%$ | $35.23 \%$ |
| 1983 | $1.56 \%$ | $3.78 \%$ | $2.18 \%$ |
| 1984 | $0.89 \%$ | $11.21 \%$ | $10.23 \%$ |
| 1985 | $-1.34 \%$ | $33.10 \%$ | $34.91 \%$ |
| 1986 | $6.41 \%$ | $30.13 \%$ | $22.29 \%$ |
| 1987 | $3.63 \%$ | $-6.85 \%$ | $-10.11 \%$ |
| 1988 | $-4.03 \%$ | $9.02 \%$ | $13.60 \%$ |
| 1989 | $1.56 \%$ | $16.33 \%$ | $14.55 \%$ |
| 1990 | $3.04 \%$ | $9.70 \%$ | $6.46 \%$ |
| 1991 | $1.10 \%$ | $13.37 \%$ | $12.14 \%$ |
| 1992 | $-0.99 \%$ | $3.16 \%$ | $4.18 \%$ |
| 1993 | $1.91 \%$ | $13.68 \%$ | $11.55 \%$ |
| 1994 | $-5.12 \%$ | $4.67 \%$ | $10.32 \%$ |
| 1995 | $3.66 \%$ | $36.76 \%$ | $31.94 \%$ |
| 1996 | $1.85 \%$ | $25.38 \%$ | $23.10 \%$ |
| 1997 | $-4.28 \%$ | $24.25 \%$ | $29.81 \%$ |
| 1998 | $2.97 \%$ | $8.90 \%$ | $5.76 \%$ |
| 1999 | $5.15 \%$ | $8.83 \%$ | $3.50 \%$ |
| 2000 | $7.84 \%$ | $3.62 \%$ | $-3.91 \%$ |
| 2001 | $-5.87 \%$ | $-3.71 \%$ | $2.30 \%$ |
| 2002 | $2.95 \%$ | $-21.92 \%$ | $-24.15 \%$ |
| 2003 | $1.28 \%$ | $34.13 \%$ | $32.43 \%$ |
|  |  |  |  |


| Year | March <br> Change | Change <br> for Year | Change from <br> end of March |
| ---: | ---: | ---: | ---: |
| 1977 | $-1.85 \%$ | $-20.75 \%$ | $-19.26 \%$ |
| 1911 | $-2.06 \%$ | $-4.25 \%$ | $-2.25 \%$ |
| 1960 | $-2.15 \%$ | $5.07 \%$ | $7.38 \%$ |
| 1892 | $-2.21 \%$ | $-8.72 \%$ | $-6.66 \%$ |
| 1929 | $-2.70 \%$ | $-14.59 \%$ | $-12.22 \%$ |
| 1886 | $-2.72 \%$ | $6.26 \%$ | $9.22 \%$ |
| 1966 | $-2.85 \%$ | $-11.82 \%$ | $-9.23 \%$ |
| 1889 | $-3.03 \%$ | $3.95 \%$ | $7.20 \%$ |
| 1945 | $-3.73 \%$ | $18.51 \%$ | $23.11 \%$ |
| 1903 | $-3.86 \%$ | $-28.19 \%$ | $-25.31 \%$ |
| 1988 | $-4.03 \%$ | $9.02 \%$ | $13.60 \%$ |
| 1997 | $-4.28 \%$ | $24.25 \%$ | $29.81 \%$ |
| 1924 | $-4.33 \%$ | $26.22 \%$ | $31.93 \%$ |
| 1918 | $-4.57 \%$ | $5.50 \%$ | $10.54 \%$ |
| 1925 | $-4.86 \%$ | $25.87 \%$ | $32.29 \%$ |
| 1994 | $-5.12 \%$ | $4.67 \%$ | $10.32 \%$ |
| 1897 | $-5.40 \%$ | $10.67 \%$ | $16.98 \%$ |
| 2001 | $-5.87 \%$ | $-3.71 \%$ | $2.30 \%$ |
| 1888 | $-6.34 \%$ | $7.03 \%$ | $14.28 \%$ |
| 1942 | $-6.80 \%$ | $21.84 \%$ | $30.72 \%$ |
| 1980 | $-8.97 \%$ | $12.91 \%$ | $24.03 \%$ |
| 1926 | $-9.06 \%$ | $4.86 \%$ | $15.31 \%$ |
| 1931 | $-9.12 \%$ | $-57.06 \%$ | $-52.75 \%$ |
| 1932 | $-10.02 \%$ | $-36.90 \%$ | $-29.87 \%$ |
| 1939 | $-10.50 \%$ | $-0.52 \%$ | $11.15 \%$ |
| 1907 | $-11.47 \%$ | $-33.14 \%$ | $-24.47 \%$ |
| 1938 | $-23.67 \%$ | $13.62 \%$ | $48.86 \%$ |
|  |  |  |  |

The Monthly Effect for April
Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | April Change | Change for Year | Change from end of April |
| 1886 | -3.01\% | 11.55\% | 15.01\% |
| 1887 | 0.76\% | -16.46\% | -17.09\% |
| 1888 | 9.56\% | 10.81\% | 1.14\% |
| 1889 | 3.25\% | 8.20\% | 4.80\% |
| 1890 | 5.64\% | -6.66\% | -11.64\% |
| 1891 | 5.02\% | 7.94\% | 2.78\% |
| 1892 | 1.51\% | -6.58\% | -7.96\% |
| 1893 | -2.92\% | -8.62\% | -5.87\% |
| 1894 | -1.40\% | -6.73\% | -5.40\% |
| 1895 | 2.52\% | 3.75\% | 1.19\% |
| 1896 | 2.70\% | -2.46\% | -5.03\% |
| 1897 | -1.28\% | 15.08\% | 16.57\% |
| 1898 | 1.29\% | 63.66\% | 61.57\% |
| 1899 | 3.21\% | -11.18\% | -13.95\% |
| 1900 | -7.09\% | 5.91\% | 14.00\% |
| 1901 | 8.41\% | -3.90\% | -11.36\% |
| 1902 | -0.26\% | -5.28\% | -5.03\% |
| 1903 | 0.21\% | -22.82\% | -22.99\% |
| 1904 | -0.64\% | 62.92\% | 63.97\% |
| 1905 | -4.93\% | 21.15\% | 27.44\% |
| 1906 | -6.62\% | -17.32\% | -11.46\% |
| 1907 | 5.18\% | -15.77\% | -19.92\% |
| 1908 | 3.01\% | 27.56\% | 23.83\% |
| 1909 | 2.52\% | 4.17\% | 1.61\% |
| 1910 | -3.91\% | -7.18\% | -3.40\% |
| 1911 | 0.46\% | 6.00\% | 5.52\% |
| 1912 | 2.30\% | -8.32\% | -10.39\% |
| 1913 | -2.94\% | 1.82\% | 4.90\% |
| 1914 | -3.98\% | 0.78\% | 4.95\% |
| 1915 | 18.00\% | 53.30\% | 29.91\% |
| 1916 | -3.72\% | 2.32\% | 6.27\% |
| 1917 | -2.28\% | -19.59\% | -17.71\% |
| 1918 | 1.03\% | 15.81\% | 14.63\% |
| 1919 | 4.54\% | 15.71\% | 10.69\% |
| 1920 | -9.02\% | -26.31\% | -19.01\% |
| 1921 | 4.07\% | 17.54\% | 12.95\% |
| 1922 | 4.14\% | 15.38\% | 10.79\% |
| 1923 | -4.25\% | -9.48\% | -5.46\% |
| 1924 | -2.56\% | 25.52\% | 28.82\% |
| 1925 | 2.79\% | 20.31\% | 17.04\% |
| 1926 | 2.31\% | 13.97\% | 11.39\% |
| 1927 | 2.58\% | 33.28\% | 29.93\% |
| 1928 | -0.81\% | 44.76\% | 45.94\% |
| 1929 | 3.38\% | -7.37\% | -10.39\% |
| 1930 | -2.40\% | -39.76\% | -38.27\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | April Change | Change for Year | Change from end of April |
| 1933 | 40.18\% | 83.84\% | 31.15\% |
| 1915 | 18.00\% | 53.30\% | 29.91\% |
| 1938 | 12.46\% | 33.24\% | 18.48\% |
| 1978 | 10.56\% | 13.84\% | 2.97\% |
| 1999 | 10.25\% | 11.61\% | 1.23\% |
| 1888 | 9.56\% | 10.81\% | 1.14\% |
| 2001 | 8.67\% | 5.32\% | -3.08\% |
| 1935 | 8.57\% | 55.08\% | 42.84\% |
| 1968 | 8.51\% | 11.28\% | 2.55\% |
| 1983 | 8.51\% | 3.08\% | -5.00\% |
| 1901 | 8.41\% | -3.90\% | -11.36\% |
| 1945 | 7.14\% | 29.36\% | 20.74\% |
| 1975 | 6.92\% | 30.11\% | 21.69\% |
| 1997 | 6.46\% | 33.67\% | 25.55\% |
| 2003 | 6.11\% | 29.60\% | 22.14\% |
| 1890 | 5.64\% | -6.66\% | -11.64\% |
| 1989 | 5.46\% | 18.03\% | 11.92\% |
| 1954 | 5.21\% | 34.99\% | 28.30\% |
| 1907 | 5.18\% | -15.77\% | -19.92\% |
| 1963 | 5.15\% | 19.16\% | 13.32\% |
| 1891 | 5.02\% | 7.94\% | 2.78\% |
| 1919 | 4.54\% | 15.71\% | 10.69\% |
| 1951 | 4.51\% | 8.68\% | 3.99\% |
| 1922 | 4.14\% | 15.38\% | 10.79\% |
| 1971 | 4.13\% | 4.02\% | -0.11\% |
| 1957 | 4.12\% | -5.91\% | -9.63\% |
| 1921 | 4.07\% | 17.54\% | 12.95\% |
| 1950 | 4.02\% | 20.33\% | 15.68\% |
| 1980 | 3.98\% | 27.76\% | 22.86\% |
| 1995 | 3.93\% | 34.38\% | 29.29\% |
| 1955 | 3.89\% | 24.92\% | 20.24\% |
| 1992 | 3.82\% | 6.17\% | 2.26\% |
| 1965 | 3.74\% | 4.02\% | 0.27\% |
| 1959 | 3.66\% | 2.47\% | -1.15\% |
| 1967 | 3.59\% | -2.92\% | -6.29\% |
| 1946 | 3.51\% | -11.29\% | -14.30\% |
| 1929 | 3.38\% | -7.37\% | -10.39\% |
| 1889 | 3.25\% | 8.20\% | 4.80\% |
| 1899 | 3.21\% | -11.18\% | -13.95\% |
| 1982 | 3.11\% | 37.34\% | 33.20\% |
| 1908 | 3.01\% | 27.56\% | 23.83\% |
| 1998 | 3.00\% | 11.21\% | 7.97\% |
| 1925 | 2.79\% | 20.31\% | 17.04\% |
| 1896 | 2.70\% | -2.46\% | -5.03\% |
| 1927 | 2.58\% | 33.28\% | 29.93\% |

The Monthly Effect for April
Dow Jones Industrial Average 1886-2004

| Year | April Change | Change for Year | Change from end of April |
| :---: | :---: | :---: | :---: |
| 1931 | -12.28\% | -57.48\% | -51.53\% |
| 1932 | -23.43\% | -24.40\% | -1.27\% |
| 1933 | 40.18\% | 83.84\% | 31.15\% |
| 1934 | -1.34\% | -1.02\% | 0.32\% |
| 1935 | 8.57\% | 55.08\% | 42.84\% |
| 1936 | -6.82\% | 19.23\% | 27.97\% |
| 1937 | -6.51\% | -46.92\% | -43.22\% |
| 1938 | 12.46\% | 33.24\% | 18.48\% |
| 1939 | -2.57\% | 12.22\% | 15.18\% |
| 1940 | 0.32\% | -17.05\% | -17.32\% |
| 1941 | -5.85\% | -18.90\% | -13.86\% |
| 1942 | -4.20\% | 37.21\% | 43.23\% |
| 1943 | -0.80\% | 1.66\% | 2.48\% |
| 1944 | -1.88\% | 11.21\% | 13.35\% |
| 1945 | 7.14\% | 29.36\% | 20.74\% |
| 1946 | 3.51\% | -11.29\% | -14.30\% |
| 1947 | -3.70\% | 0.00\% | 3.84\% |
| 1948 | 1.87\% | -0.06\% | -1.89\% |
| 1949 | -1.66\% | 16.35\% | 18.31\% |
| 1950 | 4.02\% | 20.33\% | 15.68\% |
| 1951 | 4.51\% | 8.68\% | 3.99\% |
| 1952 | -4.39\% | 3.86\% | 8.63\% |
| 1953 | -1.83\% | 8.45\% | 10.47\% |
| 1954 | 5.21\% | 34.99\% | 28.30\% |
| 1955 | 3.89\% | 24.92\% | 20.24\% |
| 1956 | 0.85\% | -7.23\% | -8.00\% |
| 1957 | 4.12\% | -5.91\% | -9.63\% |
| 1958 | 2.04\% | 34.68\% | 31.99\% |
| 1959 | 3.66\% | 2.47\% | -1.15\% |
| 1960 | -2.41\% | 9.74\% | 12.45\% |
| 1961 | 0.31\% | 4.48\% | 4.16\% |
| 1962 | -5.89\% | -3.46\% | 2.58\% |
| 1963 | 5.15\% | 19.16\% | 13.32\% |
| 1964 | -0.31\% | 9.32\% | 9.66\% |
| 1965 | 3.74\% | 4.02\% | 0.27\% |
| 1966 | 0.96\% | -6.36\% | -7.25\% |
| 1967 | 3.59\% | -2.92\% | -6.29\% |
| 1968 | 8.51\% | 11.28\% | 2.55\% |
| 1969 | 1.57\% | -16.02\% | -17.32\% |
| 1970 | -6.30\% | 15.12\% | 22.86\% |
| 1971 | 4.13\% | 4.02\% | -0.11\% |
| 1972 | 1.43\% | 1.10\% | -0.33\% |
| 1973 | -3.11\% | -10.97\% | -8.11\% |
| 1974 | -1.17\% | -9.28\% | -8.20\% |
| 1975 | 6.92\% | 30.11\% | 21.69\% |
| 1976 | -0.26\% | -8.04\% | -7.80\% |


| Year | April <br> Change | Change <br> for Year | Change from <br> end of April |
| ---: | ---: | ---: | ---: |
| 1909 | $2.52 \%$ | $4.17 \%$ | $1.61 \%$ |
| 1895 | $2.52 \%$ | $3.75 \%$ | $1.19 \%$ |
| 1926 | $2.31 \%$ | $13.97 \%$ | $11.39 \%$ |
| 1912 | $2.30 \%$ | $-8.32 \%$ | $-10.39 \%$ |
| 1988 | $2.23 \%$ | $15.37 \%$ | $12.86 \%$ |
| 1958 | $2.04 \%$ | $34.68 \%$ | $31.99 \%$ |
| 1948 | $1.87 \%$ | $-0.06 \%$ | $-1.89 \%$ |
| 1969 | $1.57 \%$ | $-16.02 \%$ | $-17.32 \%$ |
| 1892 | $1.51 \%$ | $-6.58 \%$ | $-7.96 \%$ |
| 1972 | $1.43 \%$ | $1.10 \%$ | $-0.33 \%$ |
| 1898 | $1.29 \%$ | $63.66 \%$ | $61.57 \%$ |
| 1994 | $1.26 \%$ | $14.35 \%$ | $12.93 \%$ |
| 1918 | $1.03 \%$ | $15.81 \%$ | $14.63 \%$ |
| 1966 | $0.96 \%$ | $-6.36 \%$ | $-7.25 \%$ |
| 1956 | $0.85 \%$ | $-7.23 \%$ | $-8.00 \%$ |
| 1977 | $0.85 \%$ | $-17.60 \%$ | $-18.29 \%$ |
| 1887 | $0.76 \%$ | $-16.46 \%$ | $-17.09 \%$ |
| 1984 | $0.50 \%$ | $8.75 \%$ | $8.20 \%$ |
| 1911 | $0.46 \%$ | $6.00 \%$ | $5.52 \%$ |
| 1940 | $0.32 \%$ | $-17.05 \%$ | $-17.32 \%$ |
| 1961 | $0.31 \%$ | $4.48 \%$ | $4.16 \%$ |
| 1903 | $0.21 \%$ | $-22.82 \%$ | $-22.99 \%$ |
| 1993 | $-0.22 \%$ | $5.85 \%$ | $6.08 \%$ |
| 1976 | $-0.26 \%$ | $-8.04 \%$ | $-7.80 \%$ |
| 1902 | $-0.26 \%$ | $-5.28 \%$ | $-5.03 \%$ |
| 1964 | $-0.31 \%$ | $9.32 \%$ | $9.66 \%$ |
| 1996 | $-0.32 \%$ | $17.83 \%$ | $18.21 \%$ |
| 1981 | $-0.61 \%$ | $-18.04 \%$ | $-17.54 \%$ |
| 1904 | $-0.64 \%$ | $62.92 \%$ | $63.97 \%$ |
| 1985 | $-0.69 \%$ | $43.56 \%$ | $44.56 \%$ |
| 1987 | $-0.80 \%$ | $-13.74 \%$ | $-13.05 \%$ |
| 1943 | $-0.80 \%$ | $1.66 \%$ | $2.48 \%$ |
| 1928 | $-0.81 \%$ | $44.76 \%$ | $45.94 \%$ |
| 1979 | $-0.84 \%$ | $-8.86 \%$ | $-8.09 \%$ |
| 1991 | $-0.89 \%$ | $11.04 \%$ | $12.04 \%$ |
| 1974 | $-1.17 \%$ | $-9.28 \%$ | $-8.20 \%$ |
| 1897 | $-1.28 \%$ | $15.08 \%$ | $16.57 \%$ |
| 1934 | $-1.34 \%$ | $-1.02 \%$ | $0.32 \%$ |
| 1994 | $-1.40 \%$ | $-6.73 \%$ | $-5.40 \%$ |
| 2000 | $-1.66 \%$ | $16.35 \%$ | $18.31 \%$ |
| 1953 | $-1.72 \%$ | $-9.55 \%$ | $-7.97 \%$ |
| $1.83 \%$ | $8.45 \%$ | $10.47 \%$ |  |
|  | $-1.86 \%$ | $7.63 \%$ | $9.68 \%$ |
| $1.98 \%$ | $11.21 \%$ | $13.35 \%$ |  |

The Monthly Effect for April
Dow Jones Industrial Average 1886-2004

| Year | April <br> Change | Change <br> for Year | Change from <br> end of April |
| ---: | ---: | ---: | ---: |
| 1977 | $0.85 \%$ | $-17.60 \%$ | $-18.29 \%$ |
| 1978 | $10.56 \%$ | $13.84 \%$ | $2.97 \%$ |
| 1979 | $-0.84 \%$ | $-8.86 \%$ | $-8.09 \%$ |
| 1980 | $3.98 \%$ | $27.76 \%$ | $22.86 \%$ |
| 1981 | $-0.61 \%$ | $-18.04 \%$ | $-17.54 \%$ |
| 1982 | $3.11 \%$ | $37.34 \%$ | $33.20 \%$ |
| 1983 | $8.51 \%$ | $3.08 \%$ | $-5.00 \%$ |
| 1984 | $0.50 \%$ | $8.75 \%$ | $8.20 \%$ |
| 1985 | $-0.69 \%$ | $43.56 \%$ | $44.56 \%$ |
| 1986 | $-1.90 \%$ | $26.73 \%$ | $29.19 \%$ |
| 1987 | $-0.80 \%$ | $-13.74 \%$ | $-13.05 \%$ |
| 1988 | $2.23 \%$ | $15.37 \%$ | $12.86 \%$ |
| 1989 | $5.46 \%$ | $18.03 \%$ | $11.92 \%$ |
| 1990 | $-1.86 \%$ | $7.63 \%$ | $9.68 \%$ |
| 1991 | $-0.89 \%$ | $11.04 \%$ | $12.04 \%$ |
| 1992 | $3.82 \%$ | $6.17 \%$ | $2.26 \%$ |
| 1993 | $-0.22 \%$ | $5.85 \%$ | $6.08 \%$ |
| 1994 | $1.26 \%$ | $14.35 \%$ | $12.93 \%$ |
| 1995 | $3.93 \%$ | $34.38 \%$ | $29.29 \%$ |
| 1996 | $-0.32 \%$ | $17.83 \%$ | $18.21 \%$ |
| 1997 | $6.46 \%$ | $33.67 \%$ | $25.55 \%$ |
| 1998 | $3.00 \%$ | $11.21 \%$ | $7.97 \%$ |
| 1999 | $10.25 \%$ | $11.61 \%$ | $1.23 \%$ |
| 2000 | $-1.72 \%$ | $-9.55 \%$ | $-7.97 \%$ |
| 2001 | $8.67 \%$ | $5.32 \%$ | $-3.08 \%$ |
| 2002 | $-4.40 \%$ | $-23.18 \%$ | $-19.65 \%$ |
| 2003 | $6.11 \%$ | $29.60 \%$ | $22.14 \%$ |
|  |  |  |  |


| Year | April <br> Change | Change <br> for Year | Change from <br> end of April |
| ---: | ---: | ---: | ---: |
| 1930 | $-2.40 \%$ | $-39.76 \%$ | $-38.27 \%$ |
| 1960 | $-2.41 \%$ | $9.74 \%$ | $12.45 \%$ |
| 1924 | $-2.56 \%$ | $25.52 \%$ | $28.82 \%$ |
| 1939 | $-2.57 \%$ | $12.22 \%$ | $15.18 \%$ |
| 1893 | $-2.92 \%$ | $-8.62 \%$ | $-5.87 \%$ |
| 1913 | $-2.94 \%$ | $1.82 \%$ | $4.90 \%$ |
| 1886 | $-3.01 \%$ | $11.55 \%$ | $15.01 \%$ |
| 1973 | $-3.11 \%$ | $-10.97 \%$ | $-8.11 \%$ |
| 1947 | $-3.70 \%$ | $0.00 \%$ | $3.84 \%$ |
| 1916 | $-3.72 \%$ | $2.32 \%$ | $6.27 \%$ |
| 1910 | $-3.91 \%$ | $-7.18 \%$ | $-3.40 \%$ |
| 1914 | $-3.98 \%$ | $0.78 \%$ | $4.95 \%$ |
| 1942 | $-4.20 \%$ | $37.21 \%$ | $43.23 \%$ |
| 1923 | $-4.25 \%$ | $-9.48 \%$ | $-5.46 \%$ |
| 1952 | $-4.39 \%$ | $3.86 \%$ | $8.63 \%$ |
| 2002 | $-4.40 \%$ | $-23.18 \%$ | $-19.65 \%$ |
| 1905 | $-4.93 \%$ | $21.15 \%$ | $27.44 \%$ |
| 1941 | $-5.85 \%$ | $-18.90 \%$ | $-13.86 \%$ |
| 1962 | $-5.89 \%$ | $-3.46 \%$ | $2.58 \%$ |
| 1970 | $-6.30 \%$ | $15.12 \%$ | $22.86 \%$ |
| 1937 | $-6.51 \%$ | $-46.92 \%$ | $-43.22 \%$ |
| 1906 | $-6.62 \%$ | $-17.32 \%$ | $-11.46 \%$ |
| 1936 | $-6.82 \%$ | $19.23 \%$ | $27.97 \%$ |
| 1900 | $-7.09 \%$ | $5.91 \%$ | $14.00 \%$ |
| 1920 | $-9.02 \%$ | $-26.31 \%$ | $-19.01 \%$ |
| 1931 | $-12.28 \%$ | $-57.48 \%$ | $-51.53 \%$ |
| 1932 | $-23.43 \%$ | $-24.40 \%$ | $-1.27 \%$ |

The Monthly Effect for May
Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | May Change | Change for Year | Change from end of May |
| 1886 | 4.53\% | 15.88\% | 10.86\% |
| 1887 | 1.06\% | -9.16\% | -10.11\% |
| 1888 | -5.44\% | 4.43\% | 10.43\% |
| 1889 | 4.06\% | 10.71\% | 6.39\% |
| 1890 | 2.18\% | -7.20\% | -9.18\% |
| 1891 | -4.15\% | 4.33\% | 8.85\% |
| 1892 | -1.81\% | -10.65\% | -9.00\% |
| 1893 | -6.27\% | -7.19\% | -0.98\% |
| 1894 | -3.68\% | -3.01\% | 0.69\% |
| 1895 | 4.13\% | 3.93\% | -0.20\% |
| 1896 | -2.23\% | -6.24\% | -4.10\% |
| 1897 | 2.45\% | 18.08\% | 15.25\% |
| 1898 | 14.66\% | 66.77\% | 45.45\% |
| 1899 | -11.99\% | -20.05\% | -9.16\% |
| 1900 | -3.65\% | 23.59\% | 28.27\% |
| 1901 | -0.04\% | -11.60\% | -11.57\% |
| 1902 | -0.88\% | -4.83\% | -3.99\% |
| 1903 | -5.50\% | -23.48\% | -19.03\% |
| 1904 | -1.29\% | 55.89\% | 57.92\% |
| 1905 | -2.31\% | 19.00\% | 21.82\% |
| 1906 | 3.56\% | -6.88\% | -10.08\% |
| 1907 | -7.37\% | -17.50\% | -10.94\% |
| 1908 | 4.61\% | 26.95\% | 21.35\% |
| 1909 | 4.41\% | -2.37\% | -6.49\% |
| 1910 | 0.13\% | -2.96\% | -3.08\% |
| 1911 | 2.27\% | 7.95\% | 5.55\% |
| 1912 | -2.54\% | -13.02\% | -10.75\% |
| 1913 | -0.21\% | 0.73\% | 0.94\% |
| 1914 | 3.11\% | 23.84\% | 20.11\% |
| 1915 | -9.91\% | 25.08\% | 38.83\% |
| 1916 | 2.25\% | 3.84\% | 1.56\% |
| 1917 | 4.45\% | -16.86\% | -20.40\% |
| 1918 | 0.74\% | 19.83\% | 18.95\% |
| 1919 | 13.59\% | 0.71\% | -11.34\% |
| 1920 | -1.58\% | -15.72\% | -14.36\% |
| 1921 | -6.85\% | 17.63\% | 26.28\% |
| 1922 | 3.12\% | 6.08\% | 2.88\% |
| 1923 | -0.86\% | -7.88\% | -7.07\% |
| 1924 | -0.81\% | 32.42\% | 33.49\% |
| 1925 | 8.28\% | 19.75\% | 10.59\% |
| 1926 | -0.19\% | 14.26\% | 14.49\% |
| 1927 | 5.33\% | 28.88\% | 22.36\% |
| 1928 | 3.87\% | 50.87\% | 45.26\% |
| 1929 | -6.85\% | -12.55\% | -6.11\% |
| 1930 | -1.49\% | -45.85\% | -45.04\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | May Change | Change for Year | Change from end of May |
| 1898 | 14.66\% | 66.77\% | 45.45\% |
| 1919 | 13.59\% | 0.71\% | -11.34\% |
| 1933 | 13.46\% | 29.40\% | 14.05\% |
| 1925 | 8.28\% | 19.75\% | 10.59\% |
| 1990 | 8.28\% | 8.70\% | 0.39\% |
| 1939 | 7.57\% | 15.55\% | 7.42\% |
| 1942 | 5.80\% | 42.09\% | 34.30\% |
| 1948 | 5.67\% | -3.52\% | -8.69\% |
| 1927 | 5.33\% | 28.88\% | 22.36\% |
| 1986 | 5.20\% | 28.16\% | 21.83\% |
| 1943 | 4.86\% | 0.55\% | -4.10\% |
| 1991 | 4.84\% | 16.32\% | 10.95\% |
| 1936 | 4.78\% | 19.63\% | 14.17\% |
| 1908 | 4.61\% | 26.95\% | 21.35\% |
| 1997 | 4.59\% | 29.31\% | 23.63\% |
| 1985 | 4.56\% | 41.80\% | 35.62\% |
| 1886 | 4.53\% | 15.88\% | 10.86\% |
| 1917 | 4.45\% | -16.86\% | -20.40\% |
| 1944 | 4.41\% | 21.44\% | 16.31\% |
| 1909 | 4.41\% | -2.37\% | -6.49\% |
| 2003 | 4.37\% | 20.58\% | 15.54\% |
| 1950 | 4.24\% | 20.90\% | 15.98\% |
| 1980 | 4.14\% | 22.11\% | 17.27\% |
| 1895 | 4.13\% | 3.93\% | -0.20\% |
| 1889 | 4.06\% | 10.71\% | 6.39\% |
| 1960 | 3.96\% | 12.80\% | 8.51\% |
| 1928 | 3.87\% | 50.87\% | 45.26\% |
| 1906 | 3.56\% | -6.88\% | -10.08\% |
| 1995 | 3.33\% | 28.88\% | 24.72\% |
| 1959 | 3.21\% | -3.54\% | -6.54\% |
| 1922 | 3.12\% | 6.08\% | 2.88\% |
| 1914 | 3.11\% | 23.84\% | 20.11\% |
| 1993 | 2.91\% | 7.41\% | 4.37\% |
| 1946 | 2.66\% | -17.47\% | -19.62\% |
| 1961 | 2.65\% | -1.97\% | -4.51\% |
| 1954 | 2.56\% | 33.29\% | 29.97\% |
| 1989 | 2.54\% | 9.84\% | 7.12\% |
| 1897 | 2.45\% | 18.08\% | 15.25\% |
| 1911 | 2.27\% | 7.95\% | 5.55\% |
| 1916 | 2.25\% | 3.84\% | 1.56\% |
| 1890 | 2.18\% | -7.20\% | -9.18\% |
| 1957 | 2.14\% | -7.79\% | -9.72\% |
| 1994 | 2.08\% | 17.37\% | 14.98\% |
| 1952 | 2.06\% | 6.65\% | 4.49\% |
| 1945 | 1.73\% | 24.98\% | 22.86\% |

The Monthly Effect for May
Dow Jones Industrial Average 1886-2004

| Year | May <br> Change | Change <br> for Year | Change from <br> end of May |
| ---: | ---: | ---: | ---: |
| 1931 | $-15.03 \%$ | $-62.89 \%$ | $-56.32 \%$ |
| 1932 | $-20.26 \%$ | $38.41 \%$ | $73.58 \%$ |
| 1933 | $13.46 \%$ | $29.40 \%$ | $14.05 \%$ |
| 1934 | $-6.46 \%$ | $8.92 \%$ | $16.44 \%$ |
| 1935 | $1.09 \%$ | $33.09 \%$ | $31.66 \%$ |
| 1936 | $4.78 \%$ | $19.63 \%$ | $14.17 \%$ |
| 1937 | $0.25 \%$ | $-36.15 \%$ | $-36.31 \%$ |
| 1938 | $-3.18 \%$ | $15.43 \%$ | $19.22 \%$ |
| 1939 | $7.57 \%$ | $15.55 \%$ | $7.42 \%$ |
| 1940 | $-21.70 \%$ | $-22.16 \%$ | $-0.59 \%$ |
| 1941 | $0.19 \%$ | $-17.47 \%$ | $-17.63 \%$ |
| 1942 | $5.80 \%$ | $42.09 \%$ | $34.30 \%$ |
| 1943 | $4.86 \%$ | $0.55 \%$ | $-4.10 \%$ |
| 1944 | $4.41 \%$ | $21.44 \%$ | $16.31 \%$ |
| 1945 | $1.73 \%$ | $24.98 \%$ | $22.86 \%$ |
| 1946 | $2.66 \%$ | $-17.47 \%$ | $-19.62 \%$ |
| 1947 | $-0.81 \%$ | $5.78 \%$ | $6.65 \%$ |
| 1948 | $5.67 \%$ | $-3.52 \%$ | $-8.69 \%$ |
| 1949 | $-3.33 \%$ | $23.06 \%$ | $27.30 \%$ |
| 1950 | $4.24 \%$ | $20.90 \%$ | $15.98 \%$ |
| 1951 | $-3.66 \%$ | $-0.58 \%$ | $3.20 \%$ |
| 1952 | $2.06 \%$ | $6.65 \%$ | $4.49 \%$ |
| 1953 | $-0.90 \%$ | $16.23 \%$ | $17.28 \%$ |
| 1954 | $2.56 \%$ | $33.29 \%$ | $29.97 \%$ |
| 1955 | $-0.19 \%$ | $21.25 \%$ | $21.48 \%$ |
| 1956 | $-7.38 \%$ | $-4.22 \%$ | $3.41 \%$ |
| 1957 | $2.14 \%$ | $-7.79 \%$ | $-9.72 \%$ |
| 1958 | $1.50 \%$ | $36.83 \%$ | $34.81 \%$ |
| 1959 | $3.21 \%$ | $-3.54 \%$ | $-6.54 \%$ |
| 1960 | $3.96 \%$ | $12.80 \%$ | $8.51 \%$ |
| 1961 | $2.65 \%$ | $-1.97 \%$ | $-4.51 \%$ |
| 1962 | $-7.81 \%$ | $7.87 \%$ | $17.01 \%$ |
| 1963 | $1.29 \%$ | $12.97 \%$ | $11.53 \%$ |
| 1964 | $1.21 \%$ | $13.76 \%$ | $12.40 \%$ |
| 1965 | $-0.46 \%$ | $1.23 \%$ | $1.70 \%$ |
| 1966 | $-5.31 \%$ | $-3.92 \%$ | $1.47 \%$ |
| 1967 | $-4.96 \%$ | $1.69 \%$ | $7.00 \%$ |
| 1968 | $-1.45 \%$ | $4.16 \%$ | $5.69 \%$ |
| 1969 | $-1.33 \%$ | $-22.53 \%$ | $-21.49 \%$ |
| 1970 | $-4.84 \%$ | $27.94 \%$ | $34.45 \%$ |
| 1971 | $-3.60 \%$ | $1.32 \%$ | $5.11 \%$ |
| 1972 | $0.69 \%$ | $-3.43 \%$ | $-4.09 \%$ |
| 1973 | $-2.17 \%$ | $-9.19 \%$ | $-7.17 \%$ |
| $-4.13 \%$ | $-1.84 \%$ | $2.39 \%$ |  |
| 1974 | $-2.17 \%$ | $-7.02 \%$ | $-4.96 \%$ |


| Year | May <br> Change | Change <br> for Year | Change from <br> end of May |
| ---: | ---: | ---: | ---: |
| 2001 | $1.65 \%$ | $-7.35 \%$ | $-8.85 \%$ |
| 1958 | $1.50 \%$ | $36.83 \%$ | $34.81 \%$ |
| 1975 | $1.33 \%$ | $21.37 \%$ | $19.77 \%$ |
| 1996 | $1.33 \%$ | $25.86 \%$ | $24.20 \%$ |
| 1963 | $1.29 \%$ | $12.97 \%$ | $11.53 \%$ |
| 1964 | $1.21 \%$ | $13.76 \%$ | $12.40 \%$ |
| 1992 | $1.12 \%$ | $2.04 \%$ | $0.90 \%$ |
| 1935 | $1.09 \%$ | $33.09 \%$ | $31.66 \%$ |
| 1887 | $1.06 \%$ | $-9.16 \%$ | $-10.11 \%$ |
| 1918 | $0.74 \%$ | $19.83 \%$ | $18.95 \%$ |
| 1972 | $0.69 \%$ | $-3.43 \%$ | $-4.09 \%$ |
| 1978 | $0.39 \%$ | $2.10 \%$ | $1.70 \%$ |
| 1937 | $0.25 \%$ | $-36.15 \%$ | $-36.31 \%$ |
| 1987 | $0.23 \%$ | $-11.11 \%$ | $-11.31 \%$ |
| 1941 | $0.19 \%$ | $-17.47 \%$ | $-17.63 \%$ |
| 1910 | $0.13 \%$ | $-2.96 \%$ | $-3.08 \%$ |
| 1901 | $-0.04 \%$ | $-11.60 \%$ | $-11.57 \%$ |
| 1988 | $-0.06 \%$ | $19.02 \%$ | $19.09 \%$ |
| 1955 | $-0.19 \%$ | $21.25 \%$ | $21.48 \%$ |
| 1926 | $-0.19 \%$ | $14.26 \%$ | $14.49 \%$ |
| 1913 | $-0.21 \%$ | $0.73 \%$ | $0.94 \%$ |
| 2002 | $-0.21 \%$ | $-14.74 \%$ | $-14.56 \%$ |
| 1965 | $-0.46 \%$ | $1.23 \%$ | $1.70 \%$ |
| 1981 | $-0.60 \%$ | $-14.97 \%$ | $-14.46 \%$ |
| 1924 | $-0.81 \%$ | $32.42 \%$ | $33.49 \%$ |
| 1947 | $-0.81 \%$ | $5.78 \%$ | $6.65 \%$ |
| 1923 | $-0.86 \%$ | $-7.88 \%$ | $-7.07 \%$ |
| 1902 | $-0.88 \%$ | $-4.83 \%$ | $-3.99 \%$ |
| 1953 | $-0.90 \%$ | $16.23 \%$ | $17.28 \%$ |
| 1904 | $-1.29 \%$ | $55.89 \%$ | $57.92 \%$ |
| 1969 | $-1.33 \%$ | $-22.53 \%$ | $-21.49 \%$ |
| 1968 | $-1.45 \%$ | $4.16 \%$ | $5.69 \%$ |
| 1930 | $-1.49 \%$ | $-45.85 \%$ | $-45.04 \%$ |
| 1920 | $-1.58 \%$ | $-15.72 \%$ | $-14.36 \%$ |
| 1998 | $-1.80 \%$ | $19.04 \%$ | $21.23 \%$ |
| 1892 | $-1.81 \%$ | $-10.65 \%$ | $-9.00 \%$ |
| 2000 | $-1.97 \%$ | $0.01 \%$ | $2.02 \%$ |
| 1999 | $-2.13 \%$ | $-0.51 \%$ | $1.65 \%$ |
| 1983 | $-2.14 \%$ | $-4.52 \%$ | $-2.44 \%$ |
| 1976 | $-2.17 \%$ | $-7.02 \%$ | $-4.96 \%$ |
| 1973 | $-2.17 \%$ | $-9.19 \%$ | $-7.17 \%$ |
| 1896 | $-2.23 \%$ | $-6.24 \%$ | $-4.10 \%$ |
| 1905 | $-2.31 \%$ | $19.00 \%$ | $21.82 \%$ |
| 1912 | $-2.54 \%$ | $-13.02 \%$ | $-10.75 \%$ |
| 1977 | $-3.05 \%$ | $-9.66 \%$ | $-6.83 \%$ |
|  | $-3.18 \%$ | $15.43 \%$ | $19.22 \%$ |

The Monthly Effect for May
Dow Jones Industrial Average 1886-2004

| Year | May <br> Change | Change <br> for Year | Change from <br> end of May |
| ---: | ---: | ---: | ---: |
| 1977 | $-3.05 \%$ | $-9.66 \%$ | $-6.83 \%$ |
| 1978 | $0.39 \%$ | $2.10 \%$ | $1.70 \%$ |
| 1979 | $-3.81 \%$ | $-4.43 \%$ | $-0.64 \%$ |
| 1980 | $4.14 \%$ | $22.11 \%$ | $17.27 \%$ |
| 1981 | $-0.60 \%$ | $-14.97 \%$ | $-14.46 \%$ |
| 1982 | $-3.40 \%$ | $44.54 \%$ | $49.62 \%$ |
| 1983 | $-2.14 \%$ | $-4.52 \%$ | $-2.44 \%$ |
| 1984 | $-5.63 \%$ | $7.46 \%$ | $13.87 \%$ |
| 1985 | $4.56 \%$ | $41.80 \%$ | $35.62 \%$ |
| 1986 | $5.20 \%$ | $28.16 \%$ | $21.83 \%$ |
| 1987 | $0.23 \%$ | $-11.11 \%$ | $-11.31 \%$ |
| 1988 | $-0.06 \%$ | $19.02 \%$ | $19.09 \%$ |
| 1989 | $2.54 \%$ | $9.84 \%$ | $7.12 \%$ |
| 1990 | $8.28 \%$ | $8.70 \%$ | $0.39 \%$ |
| 1991 | $4.84 \%$ | $16.32 \%$ | $10.95 \%$ |
| 1992 | $1.12 \%$ | $2.04 \%$ | $0.90 \%$ |
| 1993 | $2.91 \%$ | $7.41 \%$ | $4.37 \%$ |
| 1994 | $2.08 \%$ | $17.37 \%$ | $14.98 \%$ |
| 1995 | $3.33 \%$ | $28.88 \%$ | $24.72 \%$ |
| 1996 | $1.33 \%$ | $25.86 \%$ | $24.20 \%$ |
| 1997 | $4.59 \%$ | $29.31 \%$ | $23.63 \%$ |
| 1998 | $-1.80 \%$ | $19.04 \%$ | $21.23 \%$ |
| 1999 | $-2.13 \%$ | $-0.51 \%$ | $1.65 \%$ |
| 2000 | $-1.97 \%$ | $0.01 \%$ | $2.02 \%$ |
| 2001 | $1.65 \%$ | $-7.35 \%$ | $-8.85 \%$ |
| 2002 | $-0.21 \%$ | $-14.74 \%$ | $-14.56 \%$ |
| 2003 | $4.37 \%$ | $20.58 \%$ | $15.54 \%$ |
|  |  |  |  |


| Year | May <br> Change | Change <br> for Year | Change from <br> end of May |
| ---: | ---: | ---: | ---: |
| 1949 | $-3.33 \%$ | $23.06 \%$ | $27.30 \%$ |
| 1982 | $-3.40 \%$ | $44.54 \%$ | $49.62 \%$ |
| 1971 | $-3.60 \%$ | $1.32 \%$ | $5.11 \%$ |
| 1900 | $-3.65 \%$ | $23.59 \%$ | $28.27 \%$ |
| 1951 | $-3.66 \%$ | $-0.58 \%$ | $3.20 \%$ |
| 1894 | $-3.68 \%$ | $-3.01 \%$ | $0.69 \%$ |
| 1979 | $-3.81 \%$ | $-4.43 \%$ | $-0.64 \%$ |
| 1974 | $-4.13 \%$ | $-1.84 \%$ | $2.39 \%$ |
| 1891 | $-4.15 \%$ | $4.33 \%$ | $8.85 \%$ |
| 1970 | $-4.84 \%$ | $27.94 \%$ | $34.45 \%$ |
| 1967 | $-4.96 \%$ | $1.69 \%$ | $7.00 \%$ |
| 1966 | $-5.31 \%$ | $-3.92 \%$ | $1.47 \%$ |
| 1888 | $-5.44 \%$ | $4.43 \%$ | $10.43 \%$ |
| 1903 | $-5.50 \%$ | $-23.48 \%$ | $-19.03 \%$ |
| 1984 | $-5.63 \%$ | $7.46 \%$ | $13.87 \%$ |
| 1893 | $-6.27 \%$ | $-7.19 \%$ | $-0.98 \%$ |
| 1934 | $-6.46 \%$ | $8.92 \%$ | $16.44 \%$ |
| 1921 | $-6.85 \%$ | $17.63 \%$ | $26.28 \%$ |
| 1929 | $-6.85 \%$ | $-12.55 \%$ | $-6.11 \%$ |
| 1907 | $-7.37 \%$ | $-17.50 \%$ | $-10.94 \%$ |
| 1956 | $-7.38 \%$ | $-4.22 \%$ | $3.41 \%$ |
| 1962 | $-7.81 \%$ | $7.87 \%$ | $17.01 \%$ |
| 1915 | $-9.91 \%$ | $25.08 \%$ | $38.83 \%$ |
| 1899 | $-11.99 \%$ | $-20.05 \%$ | $-9.16 \%$ |
| 1931 | $-15.03 \%$ | $-62.89 \%$ | $-56.32 \%$ |
| 1932 | $-20.26 \%$ | $38.41 \%$ | $73.58 \%$ |
| 1940 | $-21.70 \%$ | $-22.16 \%$ | $-0.59 \%$ |
|  |  |  |  |

The Monthly Effect for June
Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | June Change | Change for Year | Change from end of June |
| 1886 | 1.61\% | 12.04\% | 10.27\% |
| 1887 | -4.34\% | -15.00\% | -11.15\% |
| 1888 | -0.10\% | 14.92\% | 15.03\% |
| 1889 | -1.02\% | 8.71\% | 9.83\% |
| 1890 | -1.43\% | -12.96\% | -11.69\% |
| 1891 | -2.72\% | 6.87\% | 9.86\% |
| 1892 | -0.22\% | -14.71\% | -14.52\% |
| 1893 | -2.33\% | -4.62\% | -2.35\% |
| 1894 | -1.65\% | 4.85\% | 6.61\% |
| 1895 | -0.33\% | -2.43\% | -2.11\% |
| 1896 | -11.02\% | -1.75\% | 10.42\% |
| 1897 | 10.50\% | 32.15\% | 19.59\% |
| 1898 | -0.23\% | 28.00\% | 28.30\% |
| 1899 | 4.25\% | -12.47\% | -16.04\% |
| 1900 | -7.05\% | 28.23\% | 37.95\% |
| 1901 | 2.86\% | -12.34\% | -14.78\% |
| 1902 | -3.19\% | -9.27\% | -6.28\% |
| 1903 | -1.97\% | -20.07\% | -18.46\% |
| 1904 | 2.24\% | 54.26\% | 50.89\% |
| 1905 | 3.43\% | 26.16\% | 21.97\% |
| 1906 | -7.19\% | -16.70\% | -10.24\% |
| 1907 | 2.90\% | -6.83\% | -9.46\% |
| 1908 | -0.23\% | 26.70\% | 26.98\% |
| 1909 | 0.10\% | -6.37\% | -6.46\% |
| 1910 | -5.95\% | -0.89\% | 5.38\% |
| 1911 | 0.51\% | 2.87\% | 2.35\% |
| 1912 | 3.30\% | -10.94\% | -13.78\% |
| 1913 | -4.46\% | 4.08\% | 8.93\% |
| 1914 | -1.12\% | 8.22\% | 9.44\% |
| 1915 | 8.33\% | 41.95\% | 31.03\% |
| 1916 | -2.42\% | 6.08\% | 8.71\% |
| 1917 | -1.55\% | -19.82\% | -18.56\% |
| 1918 | 5.89\% | 35.12\% | 27.60\% |
| 1919 | 1.40\% | -12.74\% | -13.95\% |
| 1920 | -1.41\% | -20.23\% | -19.08\% |
| 1921 | -6.79\% | 30.22\% | 39.71\% |
| 1922 | -2.82\% | 1.99\% | 4.95\% |
| 1923 | -9.93\% | -7.82\% | 2.33\% |
| 1924 | 7.20\% | 44.55\% | 34.84\% |
| 1925 | 0.82\% | 10.37\% | 9.48\% |
| 1926 | 6.70\% | 20.59\% | 13.02\% |
| 1927 | -3.89\% | 27.09\% | 32.23\% |
| 1928 | -4.21\% | 35.30\% | 41.25\% |
| 1929 | 12.23\% | -7.51\% | -17.59\% |
| 1930 | -17.72\% | -53.30\% | -43.24\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | June Change | Change for Year | Change from end of June |
| 1938 | 24.26\% | 28.25\% | 3.21\% |
| 1931 | 16.91\% | -65.17\% | -70.21\% |
| 1929 | 12.23\% | -7.51\% | -17.59\% |
| 1933 | 11.38\% | 6.68\% | -4.22\% |
| 1897 | 10.50\% | 32.15\% | 19.59\% |
| 1915 | 8.33\% | 41.95\% | 31.03\% |
| 1924 | 7.20\% | 44.55\% | 34.84\% |
| 1935 | 6.84\% | 37.96\% | 29.13\% |
| 1926 | 6.70\% | 20.59\% | 13.02\% |
| 1941 | 6.38\% | -12.85\% | -18.08\% |
| 1955 | 6.24\% | 12.52\% | 5.91\% |
| 1918 | 5.89\% | 35.12\% | 27.60\% |
| 1975 | 5.61\% | 17.17\% | 10.95\% |
| 1987 | 5.54\% | -11.37\% | -16.02\% |
| 1988 | 5.44\% | 22.11\% | 15.80\% |
| 1940 | 4.86\% | -0.40\% | -5.01\% |
| 1947 | 4.76\% | 12.70\% | 7.58\% |
| 1997 | 4.66\% | 21.40\% | 15.99\% |
| 1944 | 4.32\% | 18.32\% | 13.42\% |
| 1952 | 4.31\% | 3.55\% | -0.72\% |
| 1899 | 4.25\% | -12.47\% | -16.04\% |
| 1999 | 3.89\% | -0.35\% | -4.09\% |
| 1905 | 3.43\% | 26.16\% | 21.97\% |
| 1958 | 3.35\% | 39.14\% | 34.63\% |
| 1936 | 3.31\% | 14.46\% | 10.79\% |
| 1912 | 3.30\% | -10.94\% | -13.78\% |
| 1956 | 3.08\% | 5.62\% | 2.47\% |
| 1907 | 2.90\% | -6.83\% | -9.46\% |
| 1901 | 2.86\% | -12.34\% | -14.78\% |
| 1976 | 2.82\% | -7.85\% | -10.38\% |
| 1984 | 2.49\% | 19.06\% | 16.16\% |
| 1942 | 2.44\% | 40.82\% | 37.47\% |
| 1960 | 2.42\% | 11.39\% | 8.76\% |
| 1979 | 2.39\% | 3.47\% | 1.05\% |
| 1904 | 2.24\% | 54.26\% | 50.89\% |
| 1995 | 2.04\% | 26.38\% | 23.86\% |
| 1980 | 2.01\% | 16.56\% | 14.27\% |
| 1977 | 1.96\% | -6.46\% | -8.26\% |
| 1954 | 1.84\% | 29.73\% | 27.38\% |
| 1983 | 1.83\% | -7.93\% | -9.58\% |
| 1934 | 1.83\% | 17.70\% | 15.59\% |
| 1886 | 1.61\% | 12.04\% | 10.27\% |
| 2003 | 1.53\% | 15.12\% | 13.39\% |
| 1985 | 1.52\% | 42.67\% | 40.53\% |
| 1919 | 1.40\% | -12.74\% | -13.95\% |

The Monthly Effect for June
Dow Jones Industrial Average 1886-2004

| Year | June <br> Change | Change <br> for Year | Change from <br> end of June |
| ---: | ---: | ---: | ---: |
| 1931 | $16.91 \%$ | $-65.17 \%$ | $-70.21 \%$ |
| 1932 | $-4.25 \%$ | $96.94 \%$ | $105.67 \%$ |
| 1933 | $11.38 \%$ | $6.68 \%$ | $-4.22 \%$ |
| 1934 | $1.83 \%$ | $17.70 \%$ | $15.59 \%$ |
| 1935 | $6.84 \%$ | $37.96 \%$ | $29.13 \%$ |
| 1936 | $3.31 \%$ | $14.46 \%$ | $10.79 \%$ |
| 1937 | $-3.09 \%$ | $-38.33 \%$ | $-36.37 \%$ |
| 1938 | $24.26 \%$ | $28.25 \%$ | $3.21 \%$ |
| 1939 | $-5.46 \%$ | $-15.89 \%$ | $-11.03 \%$ |
| 1940 | $4.86 \%$ | $-0.40 \%$ | $-5.01 \%$ |
| 1941 | $6.38 \%$ | $-12.85 \%$ | $-18.08 \%$ |
| 1942 | $2.44 \%$ | $40.82 \%$ | $37.47 \%$ |
| 1943 | $0.93 \%$ | $0.13 \%$ | $-0.80 \%$ |
| 1944 | $4.32 \%$ | $18.32 \%$ | $13.42 \%$ |
| 1945 | $-1.79 \%$ | $26.13 \%$ | $28.43 \%$ |
| 1946 | $-3.14 \%$ | $-20.27 \%$ | $-17.69 \%$ |
| 1947 | $4.76 \%$ | $12.70 \%$ | $7.58 \%$ |
| 1948 | $-0.67 \%$ | $-11.73 \%$ | $-11.14 \%$ |
| 1949 | $-0.56 \%$ | $32.70 \%$ | $33.45 \%$ |
| 1950 | $-6.40 \%$ | $11.74 \%$ | $19.39 \%$ |
| 1951 | $-2.81 \%$ | $5.32 \%$ | $8.37 \%$ |
| 1952 | $4.31 \%$ | $3.55 \%$ | $-0.72 \%$ |
| 1953 | $-1.48 \%$ | $20.28 \%$ | $22.08 \%$ |
| 1954 | $1.84 \%$ | $29.73 \%$ | $27.38 \%$ |
| 1955 | $6.24 \%$ | $12.52 \%$ | $5.91 \%$ |
| 1956 | $3.08 \%$ | $5.62 \%$ | $2.47 \%$ |
| 1957 | $-0.32 \%$ | $-8.36 \%$ | $-8.06 \%$ |
| 1958 | $3.35 \%$ | $39.14 \%$ | $34.63 \%$ |
| 1959 | $-0.03 \%$ | $-2.84 \%$ | $-2.81 \%$ |
| 1960 | $2.42 \%$ | $11.39 \%$ | $8.76 \%$ |
| 1961 | $-1.83 \%$ | $-11.96 \%$ | $-10.32 \%$ |
| 1962 | $-8.49 \%$ | $18.52 \%$ | $29.52 \%$ |
| 1963 | $-2.76 \%$ | $12.88 \%$ | $16.08 \%$ |
| 1964 | $1.33 \%$ | $11.88 \%$ | $10.41 \%$ |
| 1965 | $-5.45 \%$ | $-3.70 \%$ | $1.85 \%$ |
| 1966 | $-1.58 \%$ | $-3.56 \%$ | $-2.02 \%$ |
| 1967 | $0.90 \%$ | $5.45 \%$ | $4.50 \%$ |
| 1968 | $-0.13 \%$ | $4.29 \%$ | $4.43 \%$ |
| 1969 | $-6.87 \%$ | $-25.29 \%$ | $-19.78 \%$ |
| 1970 | $-2.41 \%$ | $29.61 \%$ | $32.81 \%$ |
| 1972 | $-1.84 \%$ | $5.83 \%$ | $7.81 \%$ |
| $-3.30 \%$ | $-6.17 \%$ | $-2.97 \%$ |  |
| 1973 | $-1.08 \%$ | $-11.01 \%$ | $-10.04 \%$ |
| $10.03 \%$ | $3.75 \%$ | $3.72 \%$ |  |
|  | $2.81 \%$ | $17.17 \%$ | $10.95 \%$ |


| Year | June Change | Change for Year | Change from end of June |
| :---: | :---: | :---: | :---: |
| 1964 | 1.33\% | 11.88\% | 10.41\% |
| 1943 | 0.93\% | 0.13\% | -0.80\% |
| 1967 | 0.90\% | 5.45\% | 4.50\% |
| 1986 | 0.85\% | 22.11\% | 21.07\% |
| 1925 | 0.82\% | 10.37\% | 9.48\% |
| 1998 | 0.58\% | 18.65\% | 17.96\% |
| 1911 | 0.51\% | 2.87\% | 2.35\% |
| 1996 | 0.20\% | 29.91\% | 29.65\% |
| 1990 | 0.14\% | 5.24\% | 5.10\% |
| 1909 | 0.10\% | -6.37\% | -6.46\% |
| 1974 | 0.03\% | 3.75\% | 3.72\% |
| 1959 | -0.03\% | -2.84\% | -2.81\% |
| 1888 | -0.10\% | 14.92\% | 15.03\% |
| 1968 | -0.13\% | 4.29\% | 4.43\% |
| 1892 | -0.22\% | -14.71\% | -14.52\% |
| 1908 | -0.23\% | 26.70\% | 26.98\% |
| 1898 | -0.23\% | 28.00\% | 28.30\% |
| 1993 | -0.32\% | 6.55\% | 6.89\% |
| 1957 | -0.32\% | -8.36\% | -8.06\% |
| 1895 | -0.33\% | -2.43\% | -2.11\% |
| 1949 | -0.56\% | 32.70\% | 33.45\% |
| 1948 | -0.67\% | -11.73\% | -11.14\% |
| 2000 | -0.71\% | 3.70\% | 4.44\% |
| 1982 | -0.93\% | 46.42\% | 47.79\% |
| 1889 | -1.02\% | 8.71\% | 9.83\% |
| 1973 | -1.08\% | -11.01\% | -10.04\% |
| 1914 | -1.12\% | 8.22\% | 9.44\% |
| 1920 | -1.41\% | -20.23\% | -19.08\% |
| 1890 | -1.43\% | -12.96\% | -11.69\% |
| 1953 | -1.48\% | 20.28\% | 22.08\% |
| 1981 | -1.50\% | -17.36\% | -16.11\% |
| 1917 | -1.55\% | -19.82\% | -18.56\% |
| 1966 | -1.58\% | -3.56\% | -2.02\% |
| 1989 | -1.62\% | 15.99\% | 17.89\% |
| 1894 | -1.65\% | 4.85\% | 6.61\% |
| 1945 | -1.79\% | 26.13\% | 28.43\% |
| 1961 | -1.83\% | -11.96\% | -10.32\% |
| 1971 | -1.84\% | 5.83\% | 7.81\% |
| 1903 | -1.97\% | -20.07\% | -18.46\% |
| 1992 | -2.31\% | 3.84\% | 6.30\% |
| 1893 | -2.33\% | -4.62\% | -2.35\% |
| 1970 | -2.41\% | 29.61\% | 32.81\% |
| 1916 | -2.42\% | 6.08\% | 8.71\% |
| 1978 | -2.58\% | -2.17\% | 0.41\% |
| 1891 | -2.72\% | 6.87\% | 9.86\% |
| 1963 | -2.76\% | 12.88\% | 16.08\% |

The Monthly Effect for June
Dow Jones Industrial Average 1886-2004

| Year | June <br> Change | Change <br> for Year | Change from <br> end of June |
| ---: | ---: | ---: | ---: |
| 1977 | $1.96 \%$ | $-6.46 \%$ | $-8.26 \%$ |
| 1978 | $-2.58 \%$ | $-2.17 \%$ | $0.41 \%$ |
| 1979 | $2.39 \%$ | $3.47 \%$ | $1.05 \%$ |
| 1980 | $2.01 \%$ | $16.56 \%$ | $14.27 \%$ |
| 1981 | $-1.50 \%$ | $-17.36 \%$ | $-16.11 \%$ |
| 1982 | $-0.93 \%$ | $46.42 \%$ | $47.79 \%$ |
| 1983 | $1.83 \%$ | $-7.93 \%$ | $-9.58 \%$ |
| 1984 | $2.49 \%$ | $19.06 \%$ | $16.16 \%$ |
| 1985 | $1.52 \%$ | $42.67 \%$ | $40.53 \%$ |
| 1986 | $0.85 \%$ | $22.11 \%$ | $21.07 \%$ |
| 1987 | $5.54 \%$ | $-11.37 \%$ | $-16.02 \%$ |
| 1988 | $5.44 \%$ | $22.11 \%$ | $15.80 \%$ |
| 1989 | $-1.62 \%$ | $15.99 \%$ | $17.89 \%$ |
| 1990 | $0.14 \%$ | $5.24 \%$ | $5.10 \%$ |
| 1991 | $-3.99 \%$ | $12.20 \%$ | $16.86 \%$ |
| 1992 | $-2.31 \%$ | $3.84 \%$ | $6.30 \%$ |
| 1993 | $-0.32 \%$ | $6.55 \%$ | $6.89 \%$ |
| 1994 | $-3.55 \%$ | $18.81 \%$ | $23.18 \%$ |
| 1995 | $2.04 \%$ | $26.38 \%$ | $23.86 \%$ |
| 1996 | $0.20 \%$ | $29.91 \%$ | $29.65 \%$ |
| 1997 | $4.66 \%$ | $21.40 \%$ | $15.99 \%$ |
| 1998 | $0.58 \%$ | $18.65 \%$ | $17.96 \%$ |
| 1999 | $3.89 \%$ | $-0.35 \%$ | $-4.09 \%$ |
| 2000 | $-0.71 \%$ | $3.70 \%$ | $4.44 \%$ |
| 2001 | $-3.75 \%$ | $-9.04 \%$ | $-5.50 \%$ |
| 2002 | $-6.87 \%$ | $-10.83 \%$ | $-4.25 \%$ |
| 2003 | $1.53 \%$ | $15.12 \%$ | $13.39 \%$ |
|  |  |  |  |


| Year | June <br> Change | Change <br> for Year | Change from <br> end of June |
| ---: | ---: | ---: | ---: |
| 1951 | $-2.81 \%$ | $5.32 \%$ | $8.37 \%$ |
| 1922 | $-2.82 \%$ | $1.99 \%$ | $4.95 \%$ |
| 1937 | $-3.09 \%$ | $-38.33 \%$ | $-36.37 \%$ |
| 1946 | $-3.14 \%$ | $-20.27 \%$ | $-17.69 \%$ |
| 1902 | $-3.19 \%$ | $-9.27 \%$ | $-6.28 \%$ |
| 1972 | $-3.30 \%$ | $-6.17 \%$ | $-2.97 \%$ |
| 1994 | $-3.55 \%$ | $18.81 \%$ | $23.18 \%$ |
| 2001 | $-3.75 \%$ | $-9.04 \%$ | $-5.50 \%$ |
| 1927 | $-3.89 \%$ | $27.09 \%$ | $32.23 \%$ |
| 1991 | $-3.99 \%$ | $12.20 \%$ | $16.86 \%$ |
| 1928 | $-4.21 \%$ | $35.30 \%$ | $41.25 \%$ |
| 1932 | $-4.25 \%$ | $96.94 \%$ | $105.67 \%$ |
| 1887 | $-4.34 \%$ | $-15.00 \%$ | $-11.15 \%$ |
| 1913 | $-4.46 \%$ | $4.08 \%$ | $8.93 \%$ |
| 1965 | $-5.45 \%$ | $-3.70 \%$ | $1.85 \%$ |
| 1939 | $-5.46 \%$ | $-15.89 \%$ | $-11.03 \%$ |
| 1910 | $-5.95 \%$ | $-0.89 \%$ | $5.38 \%$ |
| 1950 | $-6.40 \%$ | $11.74 \%$ | $19.39 \%$ |
| 1921 | $-6.79 \%$ | $30.22 \%$ | $39.71 \%$ |
| 1969 | $-6.87 \%$ | $-25.29 \%$ | $-19.78 \%$ |
| 2002 | $-6.87 \%$ | $-10.83 \%$ | $-4.25 \%$ |
| 1900 | $-7.05 \%$ | $28.23 \%$ | $37.95 \%$ |
| 1906 | $-7.19 \%$ | $-16.70 \%$ | $-10.24 \%$ |
| 1962 | $-8.49 \%$ | $18.52 \%$ | $29.52 \%$ |
| 1923 | $-9.93 \%$ | $-7.82 \%$ | $2.33 \%$ |
| 1896 | $-11.02 \%$ | $-1.75 \%$ | $10.42 \%$ |
| 1930 | $-17.72 \%$ | $-53.30 \%$ | $-43.24 \%$ |
|  |  |  |  |

The Monthly Effect for July
Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | July Change | Change for Year | Change from end of July |
| 1886 | 2.80\% | 5.48\% | 2.61\% |
| 1887 | -6.70\% | -11.23\% | -4.86\% |
| 1888 | 7.48\% | 13.86\% | 5.93\% |
| 1889 | -1.83\% | 8.26\% | 10.27\% |
| 1890 | -1.40\% | -14.09\% | -12.87\% |
| 1891 | -2.55\% | 9.62\% | 12.48\% |
| 1892 | 1.21\% | -16.51\% | -17.50\% |
| 1893 | -15.68\% | -3.96\% | 13.89\% |
| 1894 | -0.73\% | 6.26\% | 7.04\% |
| 1895 | 5.10\% | -12.89\% | -17.12\% |
| 1896 | -11.40\% | 22.02\% | 37.72\% |
| 1897 | 8.57\% | 19.31\% | 9.89\% |
| 1898 | 2.98\% | 33.75\% | 29.87\% |
| 1899 | 4.75\% | -21.96\% | -25.50\% |
| 1900 | 3.40\% | 41.90\% | 37.23\% |
| 1901 | -8.11\% | -17.50\% | -10.22\% |
| 1902 | 2.36\% | -8.13\% | -10.24\% |
| 1903 | -14.09\% | -16.64\% | -2.96\% |
| 1904 | 5.85\% | 56.07\% | 47.45\% |
| 1905 | 6.29\% | 13.19\% | 6.50\% |
| 1906 | 6.21\% | -7.64\% | -13.04\% |
| 1907 | -1.85\% | -9.67\% | -7.96\% |
| 1908 | 10.66\% | 27.12\% | 14.87\% |
| 1909 | 4.88\% | -12.03\% | -16.12\% |
| 1910 | -5.78\% | 5.92\% | 12.42\% |
| 1911 | 0.05\% | 5.73\% | 5.68\% |
| 1912 | -1.32\% | -17.63\% | -16.52\% |
| 1913 | 4.79\% | 7.71\% | 2.78\% |
| 1914 | -11.46\% | 18.56\% | 33.91\% |
| 1915 | 7.54\% | 27.86\% | 18.90\% |
| 1916 | -0.37\% | 7.02\% | 7.42\% |
| 1917 | -4.30\% | -13.76\% | -9.89\% |
| 1918 | -1.75\% | 29.39\% | 31.70\% |
| 1919 | 0.17\% | -15.16\% | -15.30\% |
| 1920 | -4.31\% | -24.58\% | -21.19\% |
| 1921 | 0.60\% | 35.76\% | 34.95\% |
| 1922 | 4.43\% | -5.47\% | -9.48\% |
| 1923 | -1.07\% | 9.70\% | 10.88\% |
| 1924 | 5.99\% | 35.94\% | 28.27\% |
| 1925 | 2.14\% | 16.82\% | 14.37\% |
| 1926 | 4.85\% | 8.62\% | 3.59\% |
| 1927 | 9.85\% | 26.66\% | 15.30\% |
| 1928 | 2.59\% | 58.53\% | 54.53\% |
| 1929 | 4.17\% | -32.19\% | -34.90\% |
| 1930 | 3.38\% | -33.65\% | -35.82\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | July Change | Change for Year | Change from end of July |
| 1932 | 26.66\% | 129.08\% | 80.87\% |
| 1908 | 10.66\% | 27.12\% | 14.87\% |
| 1927 | 9.85\% | 26.66\% | 15.30\% |
| 1939 | 9.67\% | -6.71\% | -14.93\% |
| 1937 | 9.62\% | -20.93\% | -27.87\% |
| 1989 | 9.04\% | 18.06\% | 8.27\% |
| 1897 | 8.57\% | 19.31\% | 9.89\% |
| 1980 | 7.77\% | 12.55\% | 4.44\% |
| 1915 | 7.54\% | 27.86\% | 18.90\% |
| 1888 | 7.48\% | 13.86\% | 5.93\% |
| 1970 | 7.40\% | 30.37\% | 21.39\% |
| 1997 | 7.17\% | 16.67\% | 8.87\% |
| 1935 | 6.78\% | 33.40\% | 24.92\% |
| 1962 | 6.53\% | 25.94\% | 18.22\% |
| 1987 | 6.35\% | -11.45\% | -16.73\% |
| 1905 | 6.29\% | 13.19\% | 6.50\% |
| 1951 | 6.27\% | 13.03\% | 6.36\% |
| 1906 | 6.21\% | -7.64\% | -13.04\% |
| 1924 | 5.99\% | 35.94\% | 28.27\% |
| 1904 | 5.85\% | 56.07\% | 47.45\% |
| 1938 | 5.50\% | -2.43\% | -7.52\% |
| 1978 | 5.29\% | 2.81\% | -2.35\% |
| 1958 | 5.19\% | 34.59\% | 27.95\% |
| 1967 | 5.11\% | 4.36\% | -0.71\% |
| 1895 | 5.10\% | -12.89\% | -17.12\% |
| 1956 | 5.08\% | 2.13\% | -2.80\% |
| 1949 | 5.08\% | 24.90\% | 18.87\% |
| 1909 | 4.88\% | -12.03\% | -16.12\% |
| 1959 | 4.86\% | -0.46\% | -5.08\% |
| 1926 | 4.85\% | 8.62\% | 3.59\% |
| 1913 | 4.79\% | 7.71\% | 2.78\% |
| 1899 | 4.75\% | -21.96\% | -25.50\% |
| 1941 | 4.59\% | -16.08\% | -19.76\% |
| 1936 | 4.55\% | 7.38\% | 2.71\% |
| 1922 | 4.43\% | -5.47\% | -9.48\% |
| 1954 | 4.31\% | 35.33\% | 29.74\% |
| 1929 | 4.17\% | -32.19\% | -34.90\% |
| 1991 | 4.06\% | 14.17\% | 9.71\% |
| 1973 | 3.89\% | -10.01\% | -13.38\% |
| 1994 | 3.85\% | 25.69\% | 21.03\% |
| 1940 | 3.50\% | 1.04\% | -2.38\% |
| 1900 | 3.40\% | 41.90\% | 37.23\% |
| 1930 | 3.38\% | -33.65\% | -35.82\% |
| 1995 | 3.34\% | 24.11\% | 20.09\% |
| 1947 | 3.32\% | 6.86\% | 3.43\% |

The Monthly Effect for July
Dow Jones Industrial Average 1886-2004

| Year | July <br> Change | Change <br> for Year | Change from <br> end of July |
| ---: | ---: | ---: | ---: |
| 1931 | $-9.85 \%$ | $-71.47 \%$ | $-68.36 \%$ |
| 1932 | $26.66 \%$ | $129.08 \%$ | $80.87 \%$ |
| 1933 | $-7.51 \%$ | $-2.47 \%$ | $5.45 \%$ |
| 1934 | $-8.01 \%$ | $23.50 \%$ | $34.25 \%$ |
| 1935 | $6.78 \%$ | $33.40 \%$ | $24.92 \%$ |
| 1936 | $4.55 \%$ | $7.38 \%$ | $2.71 \%$ |
| 1937 | $9.62 \%$ | $-20.93 \%$ | $-27.87 \%$ |
| 1938 | $5.50 \%$ | $-2.43 \%$ | $-7.52 \%$ |
| 1939 | $9.67 \%$ | $-6.71 \%$ | $-14.93 \%$ |
| 1940 | $3.50 \%$ | $1.04 \%$ | $-2.38 \%$ |
| 1941 | $4.59 \%$ | $-16.08 \%$ | $-19.76 \%$ |
| 1942 | $2.30 \%$ | $38.75 \%$ | $35.62 \%$ |
| 1943 | $-5.18 \%$ | $3.49 \%$ | $9.14 \%$ |
| 1944 | $-1.53 \%$ | $11.40 \%$ | $13.13 \%$ |
| 1945 | $-1.46 \%$ | $24.40 \%$ | $26.24 \%$ |
| 1946 | $-1.97 \%$ | $-13.77 \%$ | $-12.04 \%$ |
| 1947 | $3.32 \%$ | $6.86 \%$ | $3.43 \%$ |
| 1948 | $-4.29 \%$ | $-11.63 \%$ | $-7.67 \%$ |
| 1949 | $5.08 \%$ | $24.90 \%$ | $18.87 \%$ |
| 1950 | $0.14 \%$ | $16.03 \%$ | $15.87 \%$ |
| 1951 | $6.27 \%$ | $13.03 \%$ | $6.36 \%$ |
| 1952 | $1.93 \%$ | $-2.19 \%$ | $-4.04 \%$ |
| 1953 | $2.65 \%$ | $24.33 \%$ | $21.12 \%$ |
| 1954 | $4.31 \%$ | $35.33 \%$ | $29.74 \%$ |
| 1955 | $3.21 \%$ | $9.17 \%$ | $5.78 \%$ |
| 1956 | $5.08 \%$ | $2.13 \%$ | $-2.80 \%$ |
| 1957 | $1.04 \%$ | $-4.99 \%$ | $-5.97 \%$ |
| 1958 | $5.19 \%$ | $34.59 \%$ | $27.95 \%$ |
| 1959 | $4.86 \%$ | $-0.46 \%$ | $-5.08 \%$ |
| 1960 | $-3.73 \%$ | $6.77 \%$ | $10.90 \%$ |
| 1961 | $3.13 \%$ | $-17.94 \%$ | $-20.43 \%$ |
| 1962 | $6.53 \%$ | $25.94 \%$ | $18.22 \%$ |
| 1963 | $-1.62 \%$ | $17.63 \%$ | $19.57 \%$ |
| 1964 | $1.15 \%$ | $4.39 \%$ | $3.20 \%$ |
| 1965 | $1.58 \%$ | $0.24 \%$ | $-1.32 \%$ |
| 1966 | $-2.61 \%$ | $-1.13 \%$ | $1.52 \%$ |
| 1967 | $5.11 \%$ | $4.36 \%$ | $-0.71 \%$ |
| 1968 | $-1.65 \%$ | $-2.74 \%$ | $-1.11 \%$ |
| 1969 | $-6.61 \%$ | $-21.72 \%$ | $-16.18 \%$ |
| 1970 | $7.40 \%$ | $30.37 \%$ | $21.39 \%$ |
| 1971 | $-3.67 \%$ | $4.25 \%$ | $8.22 \%$ |
| 1972 | $-0.46 \%$ | $-4.02 \%$ | $-3.57 \%$ |
| 1973 | $3.89 \%$ | $-10.01 \%$ | $-13.38 \%$ |
| $-5.61 \%$ | $9.54 \%$ | $16.05 \%$ |  |
| 1974 | $-5.40 \%$ | $14.08 \%$ | $20.60 \%$ |


|  | July <br> Year <br> Change | Change <br> for Year | Change from <br> end of July |
| ---: | ---: | ---: | ---: |
| 1955 | $3.21 \%$ | $9.17 \%$ | $5.78 \%$ |
| 1961 | $3.13 \%$ | $-17.94 \%$ | $-20.43 \%$ |
| 1898 | $2.98 \%$ | $33.75 \%$ | $29.87 \%$ |
| 1886 | $2.80 \%$ | $5.48 \%$ | $2.61 \%$ |
| 2003 | $2.76 \%$ | $16.14 \%$ | $13.01 \%$ |
| 1953 | $2.65 \%$ | $24.33 \%$ | $21.12 \%$ |
| 1928 | $2.59 \%$ | $58.53 \%$ | $54.53 \%$ |
| 1902 | $2.36 \%$ | $-8.13 \%$ | $-10.24 \%$ |
| 1942 | $2.30 \%$ | $38.75 \%$ | $35.62 \%$ |
| 1992 | $2.27 \%$ | $5.95 \%$ | $3.60 \%$ |
| 1925 | $2.14 \%$ | $16.82 \%$ | $14.37 \%$ |
| 1952 | $1.93 \%$ | $-2.19 \%$ | $-4.04 \%$ |
| 1965 | $1.58 \%$ | $0.24 \%$ | $-1.32 \%$ |
| 1892 | $1.21 \%$ | $-16.51 \%$ | $-17.50 \%$ |
| 1964 | $1.15 \%$ | $4.39 \%$ | $3.20 \%$ |
| 1957 | $1.04 \%$ | $-4.99 \%$ | $-5.97 \%$ |
| 1985 | $0.90 \%$ | $41.73 \%$ | $40.47 \%$ |
| 1990 | $0.85 \%$ | $0.90 \%$ | $0.05 \%$ |
| 2000 | $0.71 \%$ | $0.52 \%$ | $-0.19 \%$ |
| 1993 | $0.67 \%$ | $3.10 \%$ | $2.42 \%$ |
| 1921 | $0.60 \%$ | $35.76 \%$ | $34.95 \%$ |
| 1979 | $0.53 \%$ | $3.08 \%$ | $2.54 \%$ |
| 2001 | $0.19 \%$ | $-11.99 \%$ | $-12.16 \%$ |
| 1919 | $0.17 \%$ | $-15.16 \%$ | $-15.30 \%$ |
| 1950 | $0.14 \%$ | $16.03 \%$ | $15.87 \%$ |
| 1911 | $0.05 \%$ | $5.73 \%$ | $5.68 \%$ |
| 1916 | $-0.37 \%$ | $7.02 \%$ | $7.42 \%$ |
| 1982 | $-0.41 \%$ | $50.50 \%$ | $51.12 \%$ |
| 1972 | $-0.46 \%$ | $-4.02 \%$ | $-3.57 \%$ |
| 1988 | $-0.61 \%$ | $13.93 \%$ | $14.63 \%$ |
| 1894 | $-0.73 \%$ | $6.26 \%$ | $7.04 \%$ |
| 1998 | $-0.77 \%$ | $22.55 \%$ | $23.50 \%$ |
| 1923 | $-1.07 \%$ | $9.70 \%$ | $10.88 \%$ |
| 1912 | $-1.32 \%$ | $-17.63 \%$ | $-16.52 \%$ |
| 1890 | $-1.40 \%$ | $-14.09 \%$ | $-12.87 \%$ |
| 1945 | $-1.46 \%$ | $24.40 \%$ | $26.24 \%$ |
| 1984 | $-1.51 \%$ | $17.93 \%$ | $19.74 \%$ |
| 1944 | $-1.53 \%$ | $11.40 \%$ | $13.13 \%$ |
| 1963 | $-1.62 \%$ | $17.63 \%$ | $19.57 \%$ |
| 1968 | $-1.65 \%$ | $-2.74 \%$ | $-1.11 \%$ |
| 1918 | $-1.75 \%$ | $29.39 \%$ | $31.70 \%$ |
| 1976 | $-1.81 \%$ | $-8.62 \%$ | $-6.94 \%$ |
| 1889 | $-1.83 \%$ | $8.26 \%$ | $10.27 \%$ |
| 1907 | $-1.85 \%$ | $-9.67 \%$ | $-7.96 \%$ |
| $-1.86 \%$ | $-7.33 \%$ | $-5.57 \%$ |  |
|  | $-1.97 \%$ | $-13.77 \%$ | $-12.04 \%$ |

The Monthly Effect for July
Dow Jones Industrial Average 1886-2004

| Year | July <br> Change | Change <br> for Year | Change from <br> end of July |
| ---: | ---: | ---: | ---: |
| 1977 | $-2.86 \%$ | $-10.62 \%$ | $-7.99 \%$ |
| 1978 | $5.29 \%$ | $2.81 \%$ | $-2.35 \%$ |
| 1979 | $0.53 \%$ | $3.08 \%$ | $2.54 \%$ |
| 1980 | $7.77 \%$ | $12.55 \%$ | $4.44 \%$ |
| 1981 | $-2.51 \%$ | $-16.89 \%$ | $-14.74 \%$ |
| 1982 | $-0.41 \%$ | $50.50 \%$ | $51.12 \%$ |
| 1983 | $-1.86 \%$ | $-7.33 \%$ | $-5.57 \%$ |
| 1984 | $-1.51 \%$ | $17.93 \%$ | $19.74 \%$ |
| 1985 | $0.90 \%$ | $41.73 \%$ | $40.47 \%$ |
| 1986 | $-6.20 \%$ | $27.78 \%$ | $36.23 \%$ |
| 1987 | $6.35 \%$ | $-11.45 \%$ | $-16.73 \%$ |
| 1988 | $-0.61 \%$ | $13.93 \%$ | $14.63 \%$ |
| 1989 | $9.04 \%$ | $18.06 \%$ | $8.27 \%$ |
| 1990 | $0.85 \%$ | $0.90 \%$ | $0.05 \%$ |
| 1991 | $4.06 \%$ | $14.17 \%$ | $9.71 \%$ |
| 1992 | $2.27 \%$ | $5.95 \%$ | $3.60 \%$ |
| 1993 | $0.67 \%$ | $3.10 \%$ | $2.42 \%$ |
| 1994 | $3.85 \%$ | $25.69 \%$ | $21.03 \%$ |
| 1995 | $3.34 \%$ | $24.11 \%$ | $20.09 \%$ |
| 1996 | $-2.22 \%$ | $35.69 \%$ | $38.78 \%$ |
| 1997 | $7.17 \%$ | $16.67 \%$ | $8.87 \%$ |
| 1998 | $-0.77 \%$ | $22.55 \%$ | $23.50 \%$ |
| 1999 | $-2.88 \%$ | $-4.77 \%$ | $-1.95 \%$ |
| 2000 | $0.71 \%$ | $0.52 \%$ | $-0.19 \%$ |
| 2001 | $0.19 \%$ | $-11.99 \%$ | $-12.16 \%$ |
| 2002 | $-5.48 \%$ | $-2.79 \%$ | $2.85 \%$ |
| 2003 | $2.76 \%$ | $16.14 \%$ | $13.01 \%$ |
|  |  |  |  |


| Year | July <br> Change | Change <br> for Year | Change from <br> end of July |
| ---: | ---: | ---: | ---: |
| 1996 | $-2.22 \%$ | $35.69 \%$ | $38.78 \%$ |
| 1981 | $-2.51 \%$ | $-16.89 \%$ | $-14.74 \%$ |
| 1891 | $-2.55 \%$ | $9.62 \%$ | $12.48 \%$ |
| 1966 | $-2.61 \%$ | $-1.13 \%$ | $1.52 \%$ |
| 1977 | $-2.86 \%$ | $-10.62 \%$ | $-7.99 \%$ |
| 1999 | $-2.88 \%$ | $-4.77 \%$ | $-1.95 \%$ |
| 1971 | $-3.67 \%$ | $4.25 \%$ | $8.22 \%$ |
| 1960 | $-3.73 \%$ | $6.77 \%$ | $10.90 \%$ |
| 1948 | $-4.29 \%$ | $-11.63 \%$ | $-7.67 \%$ |
| 1917 | $-4.30 \%$ | $-13.76 \%$ | $-9.89 \%$ |
| 1920 | $-4.31 \%$ | $-24.58 \%$ | $-21.19 \%$ |
| 1943 | $-5.18 \%$ | $3.49 \%$ | $9.14 \%$ |
| 1975 | $-5.40 \%$ | $14.08 \%$ | $20.60 \%$ |
| 2002 | $-5.48 \%$ | $-2.79 \%$ | $2.85 \%$ |
| 1974 | $-5.61 \%$ | $9.54 \%$ | $16.05 \%$ |
| 1910 | $-5.78 \%$ | $5.92 \%$ | $12.42 \%$ |
| 1986 | $-6.20 \%$ | $27.78 \%$ | $36.23 \%$ |
| 1969 | $-6.61 \%$ | $-21.72 \%$ | $-16.18 \%$ |
| 1887 | $-6.70 \%$ | $-11.23 \%$ | $-4.86 \%$ |
| 1933 | $-7.51 \%$ | $-2.47 \%$ | $5.45 \%$ |
| 1934 | $-8.01 \%$ | $23.50 \%$ | $34.25 \%$ |
| 1901 | $-8.11 \%$ | $-17.50 \%$ | $-10.22 \%$ |
| 1931 | $-9.85 \%$ | $-71.47 \%$ | $-68.36 \%$ |
| 1896 | $-11.40 \%$ | $22.02 \%$ | $37.72 \%$ |
| 1914 | $-11.46 \%$ | $18.56 \%$ | $33.91 \%$ |
| 1903 | $-14.09 \%$ | $-16.64 \%$ | $-2.96 \%$ |
| 1893 | $-15.68 \%$ | $-3.96 \%$ | $13.89 \%$ |
|  |  |  |  |

The Monthly Effect for August

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | August Change | Change for Year | Change from end of August |
| 1886 | -1.90\% | -4.27\% | -2.42\% |
| 1887 | 0.56\% | 2.26\% | 1.69\% |
| 1888 | 2.15\% | 4.00\% | 1.81\% |
| 1889 | 4.37\% | 8.73\% | 4.18\% |
| 1890 | -1.02\% | -15.10\% | -14.22\% |
| 1891 | 10.15\% | 13.84\% | 3.35\% |
| 1892 | -2.52\% | -30.43\% | -28.64\% |
| 1893 | 7.32\% | 13.06\% | 5.34\% |
| 1894 | 6.76\% | 12.50\% | 5.38\% |
| 1895 | 1.50\% | -26.57\% | -27.66\% |
| 1896 | -0.17\% | 49.53\% | 49.79\% |
| 1897 | 14.45\% | 13.17\% | -1.12\% |
| 1898 | 11.36\% | 36.05\% | 22.17\% |
| 1899 | 2.63\% | -22.96\% | -24.93\% |
| 1900 | 1.78\% | 26.10\% | 23.90\% |
| 1901 | 2.57\% | -8.10\% | -10.41\% |
| 1902 | 0.68\% | -22.90\% | -23.42\% |
| 1903 | 4.81\% | 2.72\% | -2.00\% |
| 1904 | 4.69\% | 56.72\% | 49.70\% |
| 1905 | -1.30\% | 13.12\% | 14.61\% |
| 1906 | 1.73\% | -14.65\% | -16.10\% |
| 1907 | -8.36\% | 1.85\% | 11.14\% |
| 1908 | 5.39\% | 20.48\% | 14.32\% |
| 1909 | 1.16\% | -20.97\% | -21.88\% |
| 1910 | 4.18\% | 12.48\% | 7.97\% |
| 1911 | -7.87\% | 4.28\% | 13.19\% |
| 1912 | 2.07\% | -12.52\% | -14.30\% |
| 1913 | 4.24\% | -8.99\% | -12.70\% |
| 1914 | (1) | (1) | (1) |
| 1915 | 7.78\% | 18.46\% | 9.91\% |
| 1916 | 3.36\% | 2.80\% | -0.54\% |
| 1917 | -9.10\% | -11.47\% | -2.60\% |
| 1918 | 1.98\% | 31.92\% | 29.36\% |
| 1919 | -2.25\% | -18.95\% | -17.09\% |
| 1920 | -0.79\% | -20.71\% | -20.08\% |
| 1921 | -2.54\% | 40.94\% | 44.61\% |
| 1922 | 3.84\% | -10.45\% | -13.76\% |
| 1923 | 7.54\% | 17.52\% | 9.29\% |
| 1924 | 2.96\% | 31.01\% | 27.24\% |
| 1925 | 5.51\% | 19.92\% | 13.66\% |
| 1926 | 1.27\% | 13.80\% | 12.37\% |
| 1927 | 3.93\% | 18.28\% | 13.81\% |
| 1928 | 11.30\% | 60.97\% | 44.63\% |
| 1929 | 9.38\% | -32.70\% | -38.48\% |
| 1930 | 2.75\% | -42.14\% | -43.69\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | August Change | Change for Year | Change from end of August |
| 1932 | 34.83\% | 67.29\% | 24.07\% |
| 1897 | 14.45\% | 13.17\% | -1.12\% |
| 1933 | 12.82\% | -3.00\% | -14.02\% |
| 1982 | 11.47\% | 48.31\% | 33.05\% |
| 1898 | 11.36\% | 36.05\% | 22.17\% |
| 1928 | 11.30\% | 60.97\% | 44.63\% |
| 1891 | 10.15\% | 13.84\% | 3.35\% |
| 1984 | 9.78\% | 20.82\% | 10.05\% |
| 1929 | 9.38\% | -32.70\% | -38.48\% |
| 1915 | 7.78\% | 18.46\% | 9.91\% |
| 1923 | 7.54\% | 17.52\% | 9.29\% |
| 1893 | 7.32\% | 13.06\% | 5.34\% |
| 1945 | 7.01\% | 23.75\% | 15.65\% |
| 1986 | 6.93\% | 44.88\% | 35.49\% |
| 1894 | 6.76\% | 12.50\% | 5.38\% |
| 2000 | 6.59\% | 0.01\% | -6.17\% |
| 1925 | 5.51\% | 19.92\% | 13.66\% |
| 1934 | 5.46\% | 43.36\% | 35.94\% |
| 1908 | 5.39\% | 20.48\% | 14.32\% |
| 1963 | 4.87\% | 20.95\% | 15.33\% |
| 1979 | 4.87\% | 10.50\% | 5.37\% |
| 1903 | 4.81\% | 2.72\% | -2.00\% |
| 1951 | 4.80\% | 8.42\% | 3.44\% |
| 1904 | 4.69\% | 56.72\% | 49.70\% |
| 1971 | 4.62\% | 7.72\% | 2.97\% |
| 1889 | 4.37\% | 8.73\% | 4.18\% |
| 1913 | 4.24\% | -8.99\% | -12.70\% |
| 1972 | 4.22\% | 0.18\% | -3.87\% |
| 1910 | 4.18\% | 12.48\% | 7.97\% |
| 1970 | 4.15\% | 16.93\% | 12.27\% |
| 1994 | 3.96\% | 25.08\% | 20.32\% |
| 1927 | 3.93\% | 18.28\% | 13.81\% |
| 1922 | 3.84\% | -10.45\% | -13.76\% |
| 1950 | 3.57\% | 23.14\% | 18.90\% |
| 1987 | 3.53\% | -17.24\% | -20.06\% |
| 1916 | 3.36\% | 2.80\% | -0.54\% |
| 1993 | 3.16\% | 6.36\% | 3.10\% |
| 1931 | 2.97\% | -59.92\% | -61.08\% |
| 1924 | 2.96\% | 31.01\% | 27.24\% |
| 1989 | 2.88\% | 9.19\% | 6.13\% |
| 1930 | 2.75\% | -42.14\% | -43.69\% |
| 1899 | 2.63\% | -22.96\% | -24.93\% |
| 1969 | 2.61\% | -9.98\% | -12.26\% |
| 1940 | 2.60\% | 2.10\% | -0.49\% |
| 1901 | 2.57\% | -8.10\% | -10.41\% |

The Monthly Effect for August

## Dow Jones Industrial Average 1886-2004

| Year | August Change | Change for Year | Change from end of August |
| :---: | :---: | :---: | :---: |
| 1931 | 2.97\% | -59.92\% | -61.08\% |
| 1932 | 34.83\% | 67.29\% | 24.07\% |
| 1933 | 12.82\% | -3.00\% | -14.02\% |
| 1934 | 5.46\% | 43.36\% | 35.94\% |
| 1935 | 1.32\% | 30.60\% | 28.91\% |
| 1936 | 0.87\% | 12.59\% | 11.62\% |
| 1937 | -4.42\% | -23.90\% | -20.38\% |
| 1938 | -1.40\% | 1.42\% | 2.86\% |
| 1939 | -6.18\% | -11.95\% | -6.15\% |
| 1940 | 2.60\% | 2.10\% | -0.49\% |
| 1941 | -0.85\% | -17.91\% | -17.21\% |
| 1942 | 0.58\% | 28.59\% | 27.86\% |
| 1943 | 0.49\% | 7.47\% | 6.95\% |
| 1944 | 0.60\% | 11.48\% | 10.81\% |
| 1945 | 7.01\% | 23.75\% | 15.65\% |
| 1946 | -6.14\% | -9.12\% | -3.18\% |
| 1947 | -2.36\% | -1.01\% | 1.39\% |
| 1948 | 0.21\% | -2.98\% | -3.19\% |
| 1949 | 1.56\% | 19.03\% | 17.21\% |
| 1950 | 3.57\% | 23.14\% | 18.90\% |
| 1951 | 4.80\% | 8.42\% | 3.44\% |
| 1952 | -1.62\% | -1.50\% | 0.12\% |
| 1953 | -5.14\% | 26.34\% | 33.19\% |
| 1954 | -3.48\% | 33.90\% | 38.73\% |
| 1955 | 0.50\% | 11.15\% | 10.60\% |
| 1956 | -3.05\% | -1.79\% | 1.29\% |
| 1957 | -4.75\% | -1.09\% | 3.85\% |
| 1958 | 1.12\% | 34.17\% | 32.69\% |
| 1959 | -1.55\% | -8.62\% | -7.18\% |
| 1960 | 1.50\% | 14.37\% | 12.68\% |
| 1961 | 2.07\% | -15.23\% | -16.95\% |
| 1962 | 1.88\% | 16.31\% | 14.16\% |
| 1963 | 4.87\% | 20.95\% | 15.33\% |
| 1964 | -0.31\% | 4.83\% | 5.16\% |
| 1965 | 1.29\% | -3.90\% | -5.12\% |
| 1966 | -6.96\% | 6.71\% | 14.69\% |
| 1967 | -0.33\% | -2.35\% | -2.03\% |
| 1968 | 1.47\% | -7.65\% | -8.99\% |
| 1969 | 2.61\% | -9.98\% | -12.26\% |
| 1970 | 4.15\% | 16.93\% | 12.27\% |
| 1971 | 4.62\% | 7.72\% | 2.97\% |
| 1972 | 4.22\% | 0.18\% | -3.87\% |
| 1973 | -4.19\% | -18.24\% | -14.66\% |
| 1974 | -10.41\% | 9.78\% | 22.54\% |
| 1975 | 0.46\% | 18.42\% | 17.87\% |
| 1976 | -1.11\% | -9.60\% | -8.59\% |


|  | $r$ |  |  |
| ---: | ---: | ---: | ---: |
| Year | August <br> Change | Change <br> for Year | Change from <br> end of August |
| 1888 | $2.15 \%$ | $4.00 \%$ | $1.81 \%$ |
| 1912 | $2.07 \%$ | $-12.52 \%$ | $-14.30 \%$ |
| 1961 | $2.07 \%$ | $-15.23 \%$ | $-16.95 \%$ |
| 1918 | $1.98 \%$ | $31.92 \%$ | $29.36 \%$ |
| 2003 | $1.97 \%$ | $9.81 \%$ | $7.69 \%$ |
| 1962 | $1.88 \%$ | $16.31 \%$ | $14.16 \%$ |
| 1900 | $1.78 \%$ | $26.10 \%$ | $23.90 \%$ |
| 1906 | $1.73 \%$ | $-14.65 \%$ | $-16.10 \%$ |
| 1978 | $1.69 \%$ | $-1.84 \%$ | $-3.47 \%$ |
| 1999 | $1.63 \%$ | $-1.25 \%$ | $-2.84 \%$ |
| 1996 | $1.58 \%$ | $48.72 \%$ | $46.41 \%$ |
| 1949 | $1.56 \%$ | $19.03 \%$ | $17.21 \%$ |
| 1895 | $1.50 \%$ | $-26.57 \%$ | $-27.66 \%$ |
| 1960 | $1.50 \%$ | $14.37 \%$ | $12.68 \%$ |
| 1968 | $1.47 \%$ | $-7.65 \%$ | $-8.99 \%$ |
| 1983 | $1.41 \%$ | $-7.00 \%$ | $-8.29 \%$ |
| 1935 | $1.32 \%$ | $30.60 \%$ | $28.91 \%$ |
| 1965 | $1.29 \%$ | $-3.90 \%$ | $-5.12 \%$ |
| 1926 | $1.27 \%$ | $13.80 \%$ | $12.37 \%$ |
| 1909 | $1.16 \%$ | $-20.97 \%$ | $-21.88 \%$ |
| 1958 | $1.12 \%$ | $34.17 \%$ | $32.69 \%$ |
| 1936 | $0.87 \%$ | $12.59 \%$ | $11.62 \%$ |
| 1902 | $0.68 \%$ | $-22.90 \%$ | $-23.42 \%$ |
| 1991 | $0.62 \%$ | $12.20 \%$ | $11.51 \%$ |
| 1944 | $0.60 \%$ | $11.48 \%$ | $10.81 \%$ |
| 1942 | $0.58 \%$ | $28.59 \%$ | $27.86 \%$ |
| 1887 | $0.56 \%$ | $2.26 \%$ | $1.69 \%$ |
| 1955 | $0.50 \%$ | $11.15 \%$ | $10.60 \%$ |
| 1943 | $0.49 \%$ | $7.47 \%$ | $6.95 \%$ |
| 1975 | $0.46 \%$ | $18.42 \%$ | $17.87 \%$ |
| 1948 | $0.21 \%$ | $-2.98 \%$ | $-3.19 \%$ |
| 1896 | $-0.17 \%$ | $49.53 \%$ | $49.79 \%$ |
| 1980 | $-0.29 \%$ | $1.82 \%$ | $2.12 \%$ |
| 1964 | $-0.31 \%$ | $4.83 \%$ | $5.16 \%$ |
| 1967 | $-0.33 \%$ | $-2.35 \%$ | $-2.03 \%$ |
| 1920 | $-0.79 \%$ | $-20.71 \%$ | $-20.08 \%$ |
| 2002 | $-0.84 \%$ | $5.69 \%$ | $6.58 \%$ |
| 1941 | $-0.85 \%$ | $-17.91 \%$ | $-17.21 \%$ |
| 1985 | $-1.00 \%$ | $31.75 \%$ | $33.08 \%$ |
| 1890 | $-1.02 \%$ | $-15.10 \%$ | $-14.22 \%$ |
| 1976 | $-1.11 \%$ | $-9.60 \%$ | $-8.59 \%$ |
| 1905 | $-1.30 \%$ | $13.12 \%$ | $14.61 \%$ |
| 1938 | $-1.40 \%$ | $1.42 \%$ | $2.86 \%$ |
| 1952 | $-1.55 \%$ | $-8.62 \%$ | $-7.18 \%$ |
|  | $-1.62 \%$ | $-1.50 \%$ | $0.12 \%$ |

## The Monthly Effect for August

Dow Jones Industrial Average 1886-2004

| Year | August <br> Change | Change <br> for Year | Change from <br> end of August |
| ---: | ---: | ---: | ---: |
| 1977 | $-3.21 \%$ | $-3.12 \%$ | $0.09 \%$ |
| 1978 | $1.69 \%$ | $-1.84 \%$ | $-3.47 \%$ |
| 1979 | $4.87 \%$ | $10.50 \%$ | $5.37 \%$ |
| 1980 | $-0.29 \%$ | $1.82 \%$ | $2.12 \%$ |
| 1981 | $-7.44 \%$ | $-15.09 \%$ | $-8.27 \%$ |
| 1982 | $11.47 \%$ | $48.31 \%$ | $33.05 \%$ |
| 1983 | $1.41 \%$ | $-7.00 \%$ | $-8.29 \%$ |
| 1984 | $9.78 \%$ | $20.82 \%$ | $10.05 \%$ |
| 1985 | $-1.00 \%$ | $31.75 \%$ | $33.08 \%$ |
| 1986 | $6.93 \%$ | $44.88 \%$ | $35.49 \%$ |
| 1987 | $3.53 \%$ | $-17.24 \%$ | $-20.06 \%$ |
| 1988 | $-4.56 \%$ | $24.99 \%$ | $30.96 \%$ |
| 1989 | $2.88 \%$ | $9.19 \%$ | $6.13 \%$ |
| 1990 | $-10.01 \%$ | $4.12 \%$ | $15.70 \%$ |
| 1991 | $0.62 \%$ | $12.20 \%$ | $11.51 \%$ |
| 1992 | $-4.02 \%$ | $4.29 \%$ | $8.66 \%$ |
| 1993 | $3.16 \%$ | $6.36 \%$ | $3.10 \%$ |
| 1994 | $3.96 \%$ | $25.08 \%$ | $20.32 \%$ |
| 1995 | $-2.08 \%$ | $17.42 \%$ | $19.92 \%$ |
| 1996 | $1.58 \%$ | $48.72 \%$ | $46.41 \%$ |
| 1997 | $-7.30 \%$ | $8.03 \%$ | $16.54 \%$ |
| 1998 | $-15.13 \%$ | $19.95 \%$ | $41.33 \%$ |
| 1999 | $1.63 \%$ | $-1.25 \%$ | $-2.84 \%$ |
| 2000 | $6.59 \%$ | $0.01 \%$ | $-6.17 \%$ |
| 2001 | $-5.45 \%$ | $-16.97 \%$ | $-12.19 \%$ |
| 2002 | $-0.84 \%$ | $5.69 \%$ | $6.58 \%$ |
| 2003 | $1.97 \%$ | $9.81 \%$ | $7.69 \%$ |


| Year | August <br> Change | Change <br> for Year | Change from <br> end of August |
| ---: | ---: | ---: | ---: |
| 1995 | $-2.08 \%$ | $17.42 \%$ | $19.92 \%$ |
| 1919 | $-2.25 \%$ | $-18.95 \%$ | $-17.09 \%$ |
| 1947 | $-2.36 \%$ | $-1.01 \%$ | $1.39 \%$ |
| 1892 | $-2.52 \%$ | $-30.43 \%$ | $-28.64 \%$ |
| 1921 | $-2.54 \%$ | $40.94 \%$ | $44.61 \%$ |
| 1956 | $-3.05 \%$ | $-1.79 \%$ | $1.29 \%$ |
| 1977 | $-3.21 \%$ | $-3.12 \%$ | $0.09 \%$ |
| 1954 | $-3.48 \%$ | $33.90 \%$ | $38.73 \%$ |
| 1992 | $-4.02 \%$ | $4.29 \%$ | $8.66 \%$ |
| 1973 | $-4.19 \%$ | $-18.24 \%$ | $-14.66 \%$ |
| 1937 | $-4.42 \%$ | $-23.90 \%$ | $-20.38 \%$ |
| 1988 | $-4.56 \%$ | $24.99 \%$ | $30.96 \%$ |
| 1957 | $-4.75 \%$ | $-1.09 \%$ | $3.85 \%$ |
| 1953 | $-5.14 \%$ | $26.34 \%$ | $33.19 \%$ |
| 2001 | $-5.45 \%$ | $-16.97 \%$ | $-12.19 \%$ |
| 1946 | $-6.14 \%$ | $-9.12 \%$ | $-3.18 \%$ |
| 1939 | $-6.18 \%$ | $-11.95 \%$ | $-6.15 \%$ |
| 1966 | $-6.96 \%$ | $6.71 \%$ | $14.69 \%$ |
| 1997 | $-7.30 \%$ | $8.03 \%$ | $16.54 \%$ |
| 1981 | $-7.44 \%$ | $-15.09 \%$ | $-8.27 \%$ |
| 1911 | $-7.87 \%$ | $4.28 \%$ | $13.19 \%$ |
| 1907 | $-8.36 \%$ | $1.85 \%$ | $11.14 \%$ |
| 1917 | $-9.10 \%$ | $-11.47 \%$ | $-2.60 \%$ |
| 1990 | $-10.01 \%$ | $4.12 \%$ | $15.70 \%$ |
| 1974 | $-10.41 \%$ | $9.78 \%$ | $22.54 \%$ |
| 1998 | $-15.13 \%$ | $19.95 \%$ | $41.33 \%$ |
| 1914 | $(1)$ | $(1)$ | $(1)$ |

(1) New York Stock Exchange closed from July 31, 1914 through December 11, 1914

The Monthly Effect for September

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | September Change | Change for Year | Change from end of September |
| 1886 | 6.19\% | -1.87\% | -7.59\% |
| 1887 | 0.37\% | 3.88\% | 3.50\% |
| 1888 | 1.87\% | 6.25\% | 4.30\% |
| 1889 | 1.51\% | 3.12\% | 1.59\% |
| 1890 | -2.95\% | -5.52\% | -2.65\% |
| 1891 | 0.46\% | 0.74\% | 0.28\% |
| 1892 | -1.96\% | -23.41\% | -21.88\% |
| 1893 | 4.53\% | 12.46\% | 7.59\% |
| 1894 | -3.86\% | 6.96\% | 11.25\% |
| 1895 | -1.63\% | -27.78\% | -26.58\% |
| 1896 | 12.77\% | 71.43\% | 52.03\% |
| 1897 | -6.97\% | 10.11\% | 18.37\% |
| 1898 | -11.45\% | 25.38\% | 41.58\% |
| 1899 | -3.70\% | -23.60\% | -20.66\% |
| 1900 | -6.12\% | 27.08\% | 35.36\% |
| 1901 | -9.27\% | -9.79\% | -0.57\% |
| 1902 | -0.19\% | -19.73\% | -19.58\% |
| 1903 | -13.91\% | 2.59\% | 19.17\% |
| 1904 | 5.53\% | 47.75\% | 40.01\% |
| 1905 | 1.57\% | 16.59\% | 14.78\% |
| 1906 | 0.89\% | -23.12\% | -23.79\% |
| 1907 | -6.31\% | 17.13\% | 25.02\% |
| 1908 | -5.59\% | 15.64\% | 22.49\% |
| 1909 | 1.69\% | -18.61\% | -19.96\% |
| 1910 | 0.05\% | -0.53\% | -0.58\% |
| 1911 | -3.72\% | 15.54\% | 20.00\% |
| 1912 | 2.82\% | -10.66\% | -13.11\% |
| 1913 | (1) | (1) | (1) |
| 1914 | (1) | (1) | (1) |
| 1915 | 11.55\% | 13.61\% | 1.84\% |
| 1916 | 11.54\% | -9.59\% | -18.95\% |
| 1917 | 0.49\% | -0.67\% | -1.16\% |
| 1918 | 2.22\% | 26.45\% | 23.70\% |
| 1919 | 6.37\% | -17.75\% | -22.67\% |
| 1920 | -3.73\% | -22.11\% | -19.10\% |
| 1921 | 5.92\% | 50.17\% | 41.78\% |
| 1922 | -4.45\% | -7.26\% | -2.95\% |
| 1923 | -5.96\% | 12.52\% | 19.65\% |
| 1924 | -1.90\% | 34.25\% | 36.86\% |
| 1925 | 1.61\% | 15.11\% | 13.28\% |
| 1926 | -2.66\% | 16.79\% | 19.98\% |
| 1927 | 4.11\% | 26.67\% | 21.67\% |
| 1928 | -0.41\% | 58.20\% | 58.85\% |
| 1929 | -9.70\% | -36.79\% | -30.00\% |
| 1930 | -14.77\% | -42.01\% | -31.96\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | September Change | Change for Year | Change from end of September |
| 1939 | 13.49\% | -3.71\% | -15.16\% |
| 1896 | 12.77\% | 71.43\% | 52.03\% |
| 1915 | 11.55\% | 13.61\% | 1.84\% |
| 1916 | 11.54\% | -9.59\% | -18.95\% |
| 1954 | 7.34\% | 39.42\% | 29.88\% |
| 1973 | 6.71\% | -23.55\% | -28.35\% |
| 1919 | 6.37\% | -17.75\% | -22.67\% |
| 1886 | 6.19\% | -1.87\% | -7.59\% |
| 1921 | 5.92\% | 50.17\% | 41.78\% |
| 1904 | 5.53\% | 47.75\% | 40.01\% |
| 1996 | 4.74\% | 35.72\% | 29.59\% |
| 1958 | 4.61\% | 30.63\% | 24.87\% |
| 1893 | 4.53\% | 12.46\% | 7.59\% |
| 1968 | 4.44\% | -6.62\% | -10.59\% |
| 1964 | 4.40\% | 6.51\% | 2.03\% |
| 1950 | 4.38\% | 24.61\% | 19.39\% |
| 1945 | 4.26\% | 8.55\% | 4.12\% |
| 1997 | 4.24\% | -1.09\% | -5.11\% |
| 1965 | 4.20\% | -11.72\% | -15.28\% |
| 1927 | 4.11\% | 26.67\% | 21.67\% |
| 1998 | 4.03\% | 43.64\% | 38.08\% |
| 1988 | 4.00\% | 34.73\% | 29.55\% |
| 1995 | 3.87\% | 21.81\% | 17.27\% |
| 1935 | 3.15\% | 30.03\% | 26.05\% |
| 1912 | 2.82\% | -10.66\% | -13.11\% |
| 1967 | 2.81\% | -0.59\% | -3.31\% |
| 1942 | 2.61\% | 28.49\% | 25.21\% |
| 1943 | 2.56\% | 7.59\% | 4.90\% |
| 1940 | 2.49\% | -1.33\% | -3.72\% |
| 1918 | 2.22\% | 26.45\% | 23.70\% |
| 1949 | 2.15\% | 21.39\% | 18.83\% |
| 1888 | 1.87\% | 6.25\% | 4.30\% |
| 1976 | 1.69\% | -11.53\% | -13.00\% |
| 1909 | 1.69\% | -18.61\% | -19.96\% |
| 1925 | 1.61\% | 15.11\% | 13.28\% |
| 1905 | 1.57\% | 16.59\% | 14.78\% |
| 1938 | 1.57\% | -3.49\% | -4.98\% |
| 1889 | 1.51\% | 3.12\% | 1.59\% |
| 1983 | 1.40\% | 0.68\% | -0.71\% |
| 1953 | 1.08\% | 28.55\% | 27.18\% |
| 1936 | 0.92\% | 6.69\% | 5.71\% |
| 1906 | 0.89\% | -23.12\% | -23.79\% |
| 1917 | 0.49\% | -0.67\% | -1.16\% |
| 1963 | 0.48\% | 14.97\% | 14.42\% |
| 1891 | 0.46\% | 0.74\% | 0.28\% |

The Monthly Effect for September

## Dow Jones Industrial Average 1886-2004

| Year | September Change | Change for Year | Change from end of September |
| :---: | :---: | :---: | :---: |
| 1931 | -30.70\% | -47.52\% | -24.27\% |
| 1932 | -2.19\% | 39.98\% | 43.11\% |
| 1933 | -7.41\% | -9.33\% | -2.07\% |
| 1934 | -0.25\% | 37.72\% | 38.07\% |
| 1935 | 3.15\% | 30.03\% | 26.05\% |
| 1936 | 0.92\% | 6.69\% | 5.71\% |
| 1937 | -12.87\% | -21.50\% | -9.90\% |
| 1938 | 1.57\% | -3.49\% | -4.98\% |
| 1939 | 13.49\% | -3.71\% | -15.16\% |
| 1940 | 2.49\% | -1.33\% | -3.72\% |
| 1941 | -0.69\% | -16.73\% | -16.16\% |
| 1942 | 2.61\% | 28.49\% | 25.21\% |
| 1943 | 2.56\% | 7.59\% | 4.90\% |
| 1944 | -0.18\% | 18.57\% | 18.78\% |
| 1945 | 4.26\% | 8.55\% | 4.12\% |
| 1946 | -8.86\% | -5.47\% | 3.73\% |
| 1947 | -0.76\% | 1.60\% | 2.38\% |
| 1948 | -1.88\% | -1.68\% | 0.20\% |
| 1949 | 2.15\% | 21.39\% | 18.83\% |
| 1950 | 4.38\% | 24.61\% | 19.39\% |
| 1951 | 0.34\% | 1.77\% | 1.43\% |
| 1952 | -1.61\% | -5.02\% | -3.47\% |
| 1953 | 1.08\% | 28.55\% | 27.18\% |
| 1954 | 7.34\% | 39.42\% | 29.88\% |
| 1955 | -0.33\% | 7.23\% | 7.59\% |
| 1956 | -5.34\% | -3.52\% | 1.91\% |
| 1957 | -5.79\% | 5.01\% | 11.47\% |
| 1958 | 4.61\% | 30.63\% | 24.87\% |
| 1959 | -4.93\% | -5.78\% | -0.90\% |
| 1960 | -7.32\% | 15.01\% | 24.10\% |
| 1961 | -2.60\% | -15.38\% | -13.12\% |
| 1962 | -4.96\% | 19.72\% | 25.97\% |
| 1963 | 0.48\% | 14.97\% | 14.42\% |
| 1964 | 4.40\% | 6.51\% | 2.03\% |
| 1965 | 4.20\% | -11.72\% | -15.28\% |
| 1966 | -1.80\% | 14.32\% | 16.41\% |
| 1967 | 2.81\% | -0.59\% | -3.31\% |
| 1968 | 4.44\% | -6.62\% | -10.59\% |
| 1969 | -2.82\% | -8.62\% | -5.97\% |
| 1970 | -0.51\% | 17.46\% | 18.06\% |
| 1971 | -1.21\% | 7.31\% | 8.63\% |
| 1972 | -1.09\% | -7.90\% | -6.89\% |
| 1973 | 6.71\% | -23.55\% | -28.35\% |
| 1974 | -10.42\% | 23.10\% | 37.42\% |
| 1975 | -4.96\% | 16.57\% | 22.66\% |
| 1976 | 1.69\% | -11.53\% | -13.00\% |


| Year | September <br> Change | Change <br> for Year | Change from <br> end of |
| ---: | ---: | ---: | ---: |
| 1992 | $0.44 \%$ | $12.09 \%$ | $11.60 \%$ |
| 1887 | $0.37 \%$ | $3.88 \%$ | $3.50 \%$ |
| 1951 | $0.34 \%$ | $1.77 \%$ | $1.43 \%$ |
| 1910 | $0.05 \%$ | $-0.53 \%$ | $-0.58 \%$ |
| 1980 | $-0.02 \%$ | $-5.48 \%$ | $-5.46 \%$ |
| 1944 | $-0.18 \%$ | $18.57 \%$ | $18.78 \%$ |
| 1902 | $-0.19 \%$ | $-19.73 \%$ | $-19.58 \%$ |
| 1934 | $-0.25 \%$ | $37.72 \%$ | $38.07 \%$ |
| 1955 | $-0.33 \%$ | $7.23 \%$ | $7.59 \%$ |
| 1985 | $-0.40 \%$ | $42.30 \%$ | $42.88 \%$ |
| 1928 | $-0.41 \%$ | $58.20 \%$ | $58.85 \%$ |
| 1970 | $-0.51 \%$ | $17.46 \%$ | $18.06 \%$ |
| 1982 | $-0.56 \%$ | $34.93 \%$ | $35.69 \%$ |
| 1941 | $-0.69 \%$ | $-16.73 \%$ | $-16.16 \%$ |
| 1947 | $-0.76 \%$ | $1.60 \%$ | $2.38 \%$ |
| 1991 | $-0.88 \%$ | $7.02 \%$ | $7.97 \%$ |
| 1979 | $-1.02 \%$ | $5.07 \%$ | $6.15 \%$ |
| 1972 | $-1.09 \%$ | $-7.90 \%$ | $-6.89 \%$ |
| 1971 | $-1.21 \%$ | $7.31 \%$ | $8.63 \%$ |
| 1978 | $-1.25 \%$ | $1.23 \%$ | $2.52 \%$ |
| 1984 | $-1.44 \%$ | $8.95 \%$ | $10.55 \%$ |
| 2003 | $-1.49 \%$ | $8.05 \%$ | $9.69 \%$ |
| 1952 | $-1.61 \%$ | $-5.02 \%$ | $-3.47 \%$ |
| 1989 | $-1.62 \%$ | $-4.49 \%$ | $-2.91 \%$ |
| 1895 | $-1.63 \%$ | $-27.78 \%$ | $-26.58 \%$ |
| 1977 | $-1.67 \%$ | $1.78 \%$ | $3.51 \%$ |
| 1994 | $-1.79 \%$ | $17.81 \%$ | $19.97 \%$ |
| 1966 | $-1.80 \%$ | $14.32 \%$ | $16.41 \%$ |
| 1948 | $-1.88 \%$ | $-1.68 \%$ | $0.20 \%$ |
| 1924 | $-1.90 \%$ | $34.25 \%$ | $36.86 \%$ |
| 1892 | $-1.96 \%$ | $-23.41 \%$ | $-21.88 \%$ |
| 1932 | $-2.19 \%$ | $39.98 \%$ | $43.11 \%$ |
| 1987 | $-2.50 \%$ | $-23.71 \%$ | $-21.75 \%$ |
| 1961 | $-2.60 \%$ | $-15.38 \%$ | $-13.12 \%$ |
| 1993 | $-2.63 \%$ | $7.18 \%$ | $10.08 \%$ |
| 1926 | $-2.66 \%$ | $16.79 \%$ | $19.98 \%$ |
| 1969 | $-2.82 \%$ | $-8.62 \%$ | $-5.97 \%$ |
| 1890 | $-2.95 \%$ | $-5.52 \%$ | $-2.65 \%$ |
| 1981 | $-3.57 \%$ | $2.25 \%$ | $6.04 \%$ |
| 1899 | $-3.70 \%$ | $-23.60 \%$ | $-20.66 \%$ |
| 1911 | $-3.72 \%$ | $15.54 \%$ | $20.00 \%$ |
| 1920 | $-3.73 \%$ | $-22.11 \%$ | $-19.10 \%$ |
| 1894 | $-3.86 \%$ | $6.96 \%$ | $11.25 \%$ |
| 1922 | $-4.45 \%$ | $-7.26 \%$ | $-2.95 \%$ |
| 1999 | $-4.55 \%$ | $3.56 \%$ | $8.50 \%$ |
|  | $-4.93 \%$ | $-5.78 \%$ | $-0.90 \%$ |

## The Monthly Effect for September

Dow Jones Industrial Average 1886-2004

| Year | September Change | Change for Year | Change from end of September | Year | September Change | Change for Year | Change from end of September |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | -1.67\% | 1.78\% | 3.51\% | 1962 | -4.96\% | 19.72\% | 25.97\% |
| 1978 | -1.25\% | 1.23\% | 2.52\% | 1975 | -4.96\% | 16.57\% | 22.66\% |
| 1979 | -1.02\% | 5.07\% | 6.15\% | 2000 | -5.03\% | -11.28\% | -6.58\% |
| 1980 | -0.02\% | -5.48\% | -5.46\% | 1956 | -5.34\% | -3.52\% | 1.91\% |
| 1981 | -3.57\% | 2.25\% | 6.04\% | 1908 | -5.59\% | 15.64\% | 22.49\% |
| 1982 | -0.56\% | 34.93\% | 35.69\% | 1957 | -5.79\% | 5.01\% | 11.47\% |
| 1983 | 1.40\% | 0.68\% | -0.71\% | 1923 | -5.96\% | 12.52\% | 19.65\% |
| 1984 | -1.44\% | 8.95\% | 10.55\% | 1900 | -6.12\% | 27.08\% | 35.36\% |
| 1985 | -0.40\% | 42.30\% | 42.88\% | 1990 | -6.19\% | 16.42\% | 24.10\% |
| 1986 | -6.89\% | 40.28\% | 50.66\% | 1907 | -6.31\% | 17.13\% | 25.02\% |
| 1987 | -2.50\% | -23.71\% | -21.75\% | 1986 | -6.89\% | 40.28\% | 50.66\% |
| 1988 | 4.00\% | 34.73\% | 29.55\% | 1897 | -6.97\% | 10.11\% | 18.37\% |
| 1989 | -1.62\% | -4.49\% | -2.91\% | 1960 | -7.32\% | 15.01\% | 24.10\% |
| 1990 | -6.19\% | 16.42\% | 24.10\% | 1933 | -7.41\% | -9.33\% | -2.07\% |
| 1991 | -0.88\% | 7.02\% | 7.97\% | 1946 | -8.86\% | -5.47\% | 3.73\% |
| 1992 | 0.44\% | 12.09\% | 11.60\% | 1901 | -9.27\% | -9.79\% | -0.57\% |
| 1993 | -2.63\% | 7.18\% | 10.08\% | 1929 | -9.70\% | -36.79\% | -30.00\% |
| 1994 | -1.79\% | 17.81\% | 19.97\% | 1974 | -10.42\% | 23.10\% | 37.42\% |
| 1995 | 3.87\% | 21.81\% | 17.27\% | 2001 | -11.08\% | -12.93\% | -2.08\% |
| 1996 | 4.74\% | 35.72\% | 29.59\% | 1898 | -11.45\% | 25.38\% | 41.58\% |
| 1997 | 4.24\% | -1.09\% | -5.11\% | 2002 | -12.37\% | 8.68\% | 24.02\% |
| 1998 | 4.03\% | 43.64\% | 38.08\% | 1937 | -12.87\% | -21.50\% | -9.90\% |
| 1999 | -4.55\% | 3.56\% | 8.50\% | 1903 | -13.91\% | 2.59\% | 19.17\% |
| 2000 | -5.03\% | -11.28\% | -6.58\% | 1930 | -14.77\% | -42.01\% | -31.96\% |
| 2001 | -11.08\% | -12.93\% | -2.08\% | 1931 | -30.70\% | -47.52\% | -24.27\% |
| 2002 | -12.37\% | 8.68\% | 24.02\% | 1913 | (1) | (1) | (1) |
| 2003 | -1.49\% | 8.05\% | 9.69\% | 1914 | (1) | (1) | (1) |

(1) New York Stock Exchange closed from July 31, 1914 through December 11, 1914

The Monthly Effect for October

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | October Change | Change for Year | Change from end of October |
| 1886 | 2.30\% | -7.25\% | -9.34\% |
| 1887 | -5.40\% | 5.43\% | 11.44\% |
| 1888 | -2.27\% | 5.88\% | 8.33\% |
| 1889 | -2.06\% | -1.40\% | 0.67\% |
| 1890 | -5.18\% | -2.20\% | 3.14\% |
| 1891 | -0.51\% | -1.68\% | -1.17\% |
| 1892 | 2.35\% | -18.34\% | -20.22\% |
| 1893 | 6.53\% | 3.44\% | -2.90\% |
| 1894 | -4.70\% | 9.43\% | 14.83\% |
| 1895 | -3.54\% | -17.21\% | -14.17\% |
| 1896 | 9.66\% | 41.42\% | 28.97\% |
| 1897 | -3.83\% | 4.82\% | 8.99\% |
| 1898 | 3.73\% | 36.35\% | 31.45\% |
| 1899 | 2.88\% | -25.52\% | -27.60\% |
| 1900 | 8.78\% | 22.81\% | 12.90\% |
| 1901 | -3.32\% | -0.76\% | 2.65\% |
| 1902 | -0.14\% | -30.77\% | -30.67\% |
| 1903 | -1.46\% | 25.75\% | 27.62\% |
| 1904 | 9.43\% | 42.21\% | 29.95\% |
| 1905 | 2.28\% | 15.80\% | 13.21\% |
| 1906 | -2.04\% | -28.60\% | -27.11\% |
| 1907 | -14.80\% | 18.02\% | 38.51\% |
| 1908 | 3.26\% | 24.56\% | 20.63\% |
| 1909 | -0.48\% | -19.92\% | -19.54\% |
| 1910 | 6.34\% | -4.28\% | -9.98\% |
| 1911 | -0.68\% | 23.38\% | 24.23\% |
| 1912 | -3.65\% | -14.63\% | -11.39\% |
| 1913 | (1) | (1) | (1) |
| 1914 | (1) | (1) | (1) |
| 1915 | 6.01\% | 13.60\% | 7.17\% |
| 1916 | 1.66\% | -18.55\% | -19.88\% |
| 1917 | -11.11\% | 1.04\% | 13.66\% |
| 1918 | 0.98\% | 31.58\% | 30.30\% |
| 1919 | 6.73\% | -25.55\% | -30.25\% |
| 1920 | 2.41\% | -14.31\% | -16.33\% |
| 1921 | 3.00\% | 35.48\% | 31.54\% |
| 1922 | -0.20\% | -8.73\% | -8.55\% |
| 1923 | 0.73\% | 17.37\% | 16.53\% |
| 1924 | 0.87\% | 39.07\% | 37.86\% |
| 1925 | 9.10\% | 10.27\% | 1.07\% |
| 1926 | -4.94\% | 24.91\% | 31.39\% |
| 1927 | -8.03\% | 21.18\% | 31.75\% |
| 1928 | 5.32\% | 43.44\% | 36.20\% |
| 1929 | -20.36\% | -40.34\% | -25.09\% |
| 1930 | -10.52\% | -52.85\% | -47.31\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | October Change | Change for Year | Change from end of October |
| 1982 | 10.65\% | 37.59\% | 24.34\% |
| 2002 | 10.60\% | 22.17\% | 10.46\% |
| 1896 | 9.66\% | 41.42\% | 28.97\% |
| 1998 | 9.56\% | 31.80\% | 20.31\% |
| 1974 | 9.48\% | 30.60\% | 19.29\% |
| 1904 | 9.43\% | 42.21\% | 29.95\% |
| 1931 | 9.13\% | -25.93\% | -32.13\% |
| 1925 | 9.10\% | 10.27\% | 1.07\% |
| 1900 | 8.78\% | 22.81\% | 12.90\% |
| 1938 | 7.27\% | 7.84\% | 0.53\% |
| 1919 | 6.73\% | -25.55\% | -30.25\% |
| 1893 | 6.53\% | 3.44\% | -2.90\% |
| 1910 | 6.34\% | -4.28\% | -9.98\% |
| 1986 | 6.24\% | 46.88\% | 38.26\% |
| 1915 | 6.01\% | 13.60\% | 7.17\% |
| 1935 | 5.93\% | 27.21\% | 20.09\% |
| 1948 | 5.79\% | 2.36\% | -3.24\% |
| 2003 | 5.67\% | 8.68\% | 2.85\% |
| 1936 | 5.58\% | -7.90\% | -12.77\% |
| 1928 | 5.32\% | 43.44\% | 36.20\% |
| 1975 | 5.31\% | 24.73\% | 18.44\% |
| 1969 | 5.28\% | -6.45\% | -11.13\% |
| 1942 | 4.55\% | 28.42\% | 22.84\% |
| 1953 | 4.46\% | 36.52\% | 30.69\% |
| 1966 | 4.24\% | 19.69\% | 14.82\% |
| 1949 | 3.85\% | 24.03\% | 19.43\% |
| 1999 | 3.80\% | 3.04\% | -0.74\% |
| 1898 | 3.73\% | 36.35\% | 31.45\% |
| 1993 | 3.53\% | 8.10\% | 4.42\% |
| 1985 | 3.44\% | 33.04\% | 28.62\% |
| 1908 | 3.26\% | 24.56\% | 20.63\% |
| 1965 | 3.25\% | -16.80\% | -19.42\% |
| 1963 | 3.06\% | 19.46\% | 15.91\% |
| 2000 | 3.01\% | -16.93\% | -19.36\% |
| 1921 | 3.00\% | 35.48\% | 31.54\% |
| 1899 | 2.88\% | -25.52\% | -27.60\% |
| 1945 | 2.69\% | -5.11\% | -7.60\% |
| 2001 | 2.57\% | -14.19\% | -16.34\% |
| 1996 | 2.50\% | 35.07\% | 31.78\% |
| 1947 | 2.43\% | 0.46\% | -1.93\% |
| 1920 | 2.41\% | -14.31\% | -16.33\% |
| 1959 | 2.36\% | -8.16\% | -10.28\% |
| 1892 | 2.35\% | -18.34\% | -20.22\% |
| 1886 | 2.30\% | -7.25\% | -9.34\% |
| 1905 | 2.28\% | 15.80\% | 13.21\% |

The Monthly Effect for October

## Dow Jones Industrial Average 1886-2004

| Year | October Change | Change for Year | Change from end of October |
| :---: | :---: | :---: | :---: |
| 1931 | 9.13\% | -25.93\% | -32.13\% |
| 1932 | -13.50\% | 32.50\% | 53.18\% |
| 1933 | -7.02\% | -2.31\% | 5.07\% |
| 1934 | 0.79\% | 42.42\% | 41.30\% |
| 1935 | 5.93\% | 27.21\% | 20.09\% |
| 1936 | 5.58\% | -7.90\% | -12.77\% |
| 1937 | -10.61\% | -8.49\% | 2.37\% |
| 1938 | 7.27\% | 7.84\% | 0.53\% |
| 1939 | -0.43\% | -13.05\% | -12.67\% |
| 1940 | 1.49\% | -4.39\% | -5.79\% |
| 1941 | -7.10\% | -13.96\% | -7.39\% |
| 1942 | 4.55\% | 28.42\% | 22.84\% |
| 1943 | -1.32\% | 4.72\% | 6.12\% |
| 1944 | -0.14\% | 23.84\% | 24.01\% |
| 1945 | 2.69\% | -5.11\% | -7.60\% |
| 1946 | -1.90\% | 2.94\% | 4.93\% |
| 1947 | 2.43\% | 0.46\% | -1.93\% |
| 1948 | 5.79\% | 2.36\% | -3.24\% |
| 1949 | 3.85\% | 24.03\% | 19.43\% |
| 1950 | -0.60\% | 19.79\% | 20.51\% |
| 1951 | -3.25\% | -0.20\% | 3.15\% |
| 1952 | -0.51\% | -2.43\% | -1.93\% |
| 1953 | 4.46\% | 36.52\% | 30.69\% |
| 1954 | -2.31\% | 29.45\% | 32.51\% |
| 1955 | -2.52\% | 1.85\% | 4.48\% |
| 1956 | 0.97\% | -3.99\% | -4.91\% |
| 1957 | -3.34\% | 16.61\% | 20.64\% |
| 1958 | 2.09\% | 18.72\% | 16.28\% |
| 1959 | 2.36\% | -8.16\% | -10.28\% |
| 1960 | 0.04\% | 20.87\% | 20.82\% |
| 1961 | 0.39\% | -17.43\% | -17.75\% |
| 1962 | 1.86\% | 26.57\% | 24.25\% |
| 1963 | 3.06\% | 19.46\% | 15.91\% |
| 1964 | -0.26\% | 6.31\% | 6.59\% |
| 1965 | 3.25\% | -16.80\% | -19.42\% |
| 1966 | 4.24\% | 19.69\% | 14.82\% |
| 1967 | -5.06\% | 0.99\% | 6.37\% |
| 1968 | 1.77\% | -13.11\% | -14.63\% |
| 1969 | 5.28\% | -6.45\% | -11.13\% |
| 1970 | -0.67\% | 16.63\% | 17.41\% |
| 1971 | -5.43\% | 7.45\% | 13.62\% |
| 1972 | 0.24\% | -0.65\% | -0.88\% |
| 1973 | 1.00\% | -35.82\% | -36.45\% |
| 1974 | 9.48\% | 30.60\% | 19.29\% |
| 1975 | 5.31\% | 24.73\% | 18.44\% |
| 1976 | -2.55\% | -14.45\% | -12.21\% |


| Year | October <br> Change | Change <br> for Year | Change from <br> end of <br> October |
| ---: | ---: | ---: | ---: |
| 1958 | $2.09 \%$ | $18.72 \%$ | $16.28 \%$ |
| 1962 | $1.86 \%$ | $26.57 \%$ | $24.25 \%$ |
| 1968 | $1.77 \%$ | $-13.11 \%$ | $-14.63 \%$ |
| 1991 | $1.73 \%$ | $8.45 \%$ | $6.60 \%$ |
| 1988 | $1.69 \%$ | $27.45 \%$ | $25.33 \%$ |
| 1994 | $1.69 \%$ | $24.61 \%$ | $22.54 \%$ |
| 1916 | $1.66 \%$ | $-18.55 \%$ | $-19.88 \%$ |
| 1940 | $1.49 \%$ | $-4.39 \%$ | $-5.79 \%$ |
| 1973 | $1.00 \%$ | $-35.82 \%$ | $-36.45 \%$ |
| 1918 | $0.98 \%$ | $31.58 \%$ | $30.30 \%$ |
| 1956 | $0.97 \%$ | $-3.99 \%$ | $-4.91 \%$ |
| 1924 | $0.87 \%$ | $39.07 \%$ | $37.86 \%$ |
| 1934 | $0.79 \%$ | $42.42 \%$ | $41.30 \%$ |
| 1923 | $0.73 \%$ | $17.37 \%$ | $16.53 \%$ |
| 1961 | $0.39 \%$ | $-17.43 \%$ | $-17.75 \%$ |
| 1981 | $0.30 \%$ | $5.44 \%$ | $5.13 \%$ |
| 1972 | $0.24 \%$ | $-0.65 \%$ | $-0.88 \%$ |
| 1984 | $0.06 \%$ | $10.10 \%$ | $10.04 \%$ |
| 1960 | $0.04 \%$ | $20.87 \%$ | $20.82 \%$ |
| 1944 | $-0.14 \%$ | $23.84 \%$ | $24.01 \%$ |
| 1902 | $-0.14 \%$ | $-30.77 \%$ | $-30.67 \%$ |
| 1922 | $-0.20 \%$ | $-8.73 \%$ | $-8.55 \%$ |
| 1964 | $-0.26 \%$ | $6.31 \%$ | $6.59 \%$ |
| 1990 | $-0.41 \%$ | $23.01 \%$ | $23.52 \%$ |
| 1939 | $-0.43 \%$ | $-13.05 \%$ | $-12.67 \%$ |
| 1909 | $-0.48 \%$ | $-19.92 \%$ | $-19.54 \%$ |
| 1952 | $-0.51 \%$ | $-2.43 \%$ | $-1.93 \%$ |
| 1891 | $-0.51 \%$ | $-1.68 \%$ | $-1.17 \%$ |
| 1950 | $-0.60 \%$ | $19.79 \%$ | $20.51 \%$ |
| 1983 | $-0.64 \%$ | $-2.14 \%$ | $-1.51 \%$ |
| 1970 | $-0.67 \%$ | $16.63 \%$ | $17.41 \%$ |
| 1911 | $-0.68 \%$ | $23.38 \%$ | $24.23 \%$ |
| 1995 | $-0.70 \%$ | $22.82 \%$ | $23.69 \%$ |
| 1980 | $-0.85 \%$ | $-8.84 \%$ | $-8.06 \%$ |
| 1943 | $-1.32 \%$ | $4.72 \%$ | $6.12 \%$ |
| 1992 | $-1.39 \%$ | $8.66 \%$ | $10.19 \%$ |
| 1903 | $-1.46 \%$ | $25.75 \%$ | $27.62 \%$ |
| 1989 | $-1.77 \%$ | $-8.93 \%$ | $-7.28 \%$ |
| 1946 | $-1.90 \%$ | $2.94 \%$ | $4.93 \%$ |
| 1906 | $-2.04 \%$ | $-28.60 \%$ | $-27.11 \%$ |
| 1889 | $-2.06 \%$ | $-1.40 \%$ | $0.67 \%$ |
| 1888 | $-2.27 \%$ | $5.88 \%$ | $8.33 \%$ |
| 1954 | $-2.31 \%$ | $29.45 \%$ | $32.51 \%$ |
| 1955 | $-2.52 \%$ | $1.85 \%$ | $4.48 \%$ |
| $-2.55 \%$ | $-14.45 \%$ | $-12.21 \%$ |  |
| 1976 | $-3.25 \%$ | $-0.20 \%$ | $3.15 \%$ |

The Monthly Effect for October

## Dow Jones Industrial Average 1886-2004

| Year | October Change | Change for Year | Change from end of October | Year | October Change | Change for Year | Change from end of October |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | -3.40\% | 2.21\% | 5.80\% | 1901 | -3.32\% | -0.76\% | 2.65\% |
| 1978 | -8.47\% | 1.47\% | 10.87\% | 1957 | -3.34\% | 16.61\% | 20.64\% |
| 1979 | -7.16\% | 6.13\% | 14.31\% | 1977 | -3.40\% | 2.21\% | 5.80\% |
| 1980 | -0.85\% | -8.84\% | -8.06\% | 1895 | -3.54\% | -17.21\% | -14.17\% |
| 1981 | 0.30\% | 5.44\% | 5.13\% | 1912 | -3.65\% | -14.63\% | -11.39\% |
| 1982 | 10.65\% | 37.59\% | 24.34\% | 1897 | -3.83\% | 4.82\% | 8.99\% |
| 1983 | -0.64\% | -2.14\% | -1.51\% | 1894 | -4.70\% | 9.43\% | 14.83\% |
| 1984 | 0.06\% | 10.10\% | 10.04\% | 1926 | -4.94\% | 24.91\% | 31.39\% |
| 1985 | 3.44\% | 33.04\% | 28.62\% | 1967 | -5.06\% | 0.99\% | 6.37\% |
| 1986 | 6.24\% | 46.88\% | 38.26\% | 1890 | -5.18\% | -2.20\% | 3.14\% |
| 1987 | -23.22\% | -18.62\% | 5.99\% | 1887 | -5.40\% | 5.43\% | 11.44\% |
| 1988 | 1.69\% | 27.45\% | 25.33\% | 1971 | -5.43\% | 7.45\% | 13.62\% |
| 1989 | -1.77\% | -8.93\% | -7.28\% | 1997 | -6.33\% | -1.29\% | 5.38\% |
| 1990 | -0.41\% | 23.01\% | 23.52\% | 1933 | -7.02\% | -2.31\% | 5.07\% |
| 1991 | 1.73\% | 8.45\% | 6.60\% | 1941 | -7.10\% | -13.96\% | -7.39\% |
| 1992 | -1.39\% | 8.66\% | 10.19\% | 1979 | -7.16\% | 6.13\% | 14.31\% |
| 1993 | 3.53\% | 8.10\% | 4.42\% | 1927 | -8.03\% | 21.18\% | 31.75\% |
| 1994 | 1.69\% | 24.61\% | 22.54\% | 1978 | -8.47\% | 1.47\% | 10.87\% |
| 1995 | -0.70\% | 22.82\% | 23.69\% | 1930 | -10.52\% | -52.85\% | -47.31\% |
| 1996 | 2.50\% | 35.07\% | 31.78\% | 1937 | -10.61\% | -8.49\% | 2.37\% |
| 1997 | -6.33\% | -1.29\% | 5.38\% | 1917 | -11.11\% | 1.04\% | 13.66\% |
| 1998 | 9.56\% | 31.80\% | 20.31\% | 1932 | -13.50\% | 32.50\% | 53.18\% |
| 1999 | 3.80\% | 3.04\% | -0.74\% | 1907 | -14.80\% | 18.02\% | 38.51\% |
| 2000 | 3.01\% | -16.93\% | -19.36\% | 1929 | -20.36\% | -40.34\% | -25.09\% |
| 2001 | 2.57\% | -14.19\% | -16.34\% | 1987 | -23.22\% | -18.62\% | 5.99\% |
| 2002 | 10.60\% | 22.17\% | 10.46\% | 1913 | (1) | (1) | (1) |
| 2003 | 5.67\% | 8.68\% | 2.85\% | 1914 | (1) | (1) | (1) |

(1) New York Stock Exchange closed from July 31, 1914 through December 11, 1914

The Monthly Effect for November

## Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | November Change | Change for Year | Change from end of November |
| 1886 | 0.70\% | -14.23\% | -14.83\% |
| 1887 | 4.73\% | 8.91\% | 3.99\% |
| 1888 | -1.67\% | 6.10\% | 7.90\% |
| 1889 | -0.81\% | -4.54\% | -3.76\% |
| 1890 | -4.17\% | 2.62\% | 7.08\% |
| 1891 | -0.26\% | 1.15\% | 1.41\% |
| 1892 | -4.59\% | -15.01\% | -10.92\% |
| 1893 | 1.90\% | -7.46\% | -9.19\% |
| 1894 | -0.40\% | 10.76\% | 11.20\% |
| 1895 | -1.30\% | -5.88\% | -4.64\% |
| 1896 | 3.73\% | 24.03\% | 19.57\% |
| 1897 | -3.20\% | 13.06\% | 16.80\% |
| 1898 | 3.18\% | 35.24\% | 31.07\% |
| 1899 | 0.78\% | -21.25\% | -21.86\% |
| 1900 | 12.79\% | 9.16\% | -3.22\% |
| 1901 | 0.87\% | 2.50\% | 1.62\% |
| 1902 | -6.05\% | -31.68\% | -27.28\% |
| 1903 | -1.78\% | 39.66\% | 42.19\% |
| 1904 | 14.27\% | 32.92\% | 16.32\% |
| 1905 | 7.30\% | 10.90\% | 3.36\% |
| 1906 | 2.38\% | -37.89\% | -39.34\% |
| 1907 | 1.23\% | 43.03\% | 41.29\% |
| 1908 | 5.77\% | 20.05\% | 13.49\% |
| 1909 | -3.09\% | -14.44\% | -11.71\% |
| 1910 | -2.66\% | -10.60\% | -8.16\% |
| 1911 | 6.84\% | 19.69\% | 12.02\% |
| 1912 | 0.77\% | -13.68\% | -14.34\% |
| 1913 | (1) | (1) | (1) |
| 1914 | (1) | (1) | (1) |
| 1915 | 0.72\% | 8.95\% | 8.17\% |
| 1916 | 1.30\% | -28.78\% | -29.70\% |
| 1917 | -2.48\% | 14.78\% | 17.70\% |
| 1918 | -5.12\% | 39.07\% | 46.58\% |
| 1919 | -12.88\% | -28.57\% | -18.00\% |
| 1920 | -10.49\% | -13.82\% | -3.72\% |
| 1921 | 5.59\% | 31.28\% | 24.33\% |
| 1922 | -1.52\% | -7.89\% | -6.47\% |
| 1923 | 4.30\% | 17.54\% | 12.69\% |
| 1924 | 7.03\% | 50.41\% | 40.53\% |
| 1925 | -3.48\% | -3.92\% | -0.46\% |
| 1926 | 4.10\% | 20.85\% | 16.08\% |
| 1927 | 9.07\% | 38.76\% | 27.22\% |
| 1928 | 16.35\% | 8.47\% | -6.77\% |
| 1929 | -12.64\% | -32.96\% | -23.27\% |
| 1930 | 0.02\% | -42.50\% | -42.51\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | November Change | Change for Year | Change from end of November |
| 1928 | 16.35\% | 8.47\% | -6.77\% |
| 1904 | 14.27\% | 32.92\% | 16.32\% |
| 1900 | 12.79\% | 9.16\% | -3.22\% |
| 1933 | 11.32\% | 5.90\% | -4.87\% |
| 1934 | 10.26\% | 49.68\% | 35.75\% |
| 1962 | 10.09\% | 28.06\% | 16.31\% |
| 1954 | 9.83\% | 29.17\% | 17.61\% |
| 1927 | 9.07\% | 38.76\% | 27.22\% |
| 2001 | 8.56\% | -7.47\% | -14.76\% |
| 1996 | 8.17\% | 23.43\% | 14.11\% |
| 1980 | 7.45\% | -7.78\% | -14.17\% |
| 1905 | 7.30\% | 10.90\% | 3.36\% |
| 1985 | 7.12\% | 36.64\% | 27.56\% |
| 1924 | 7.03\% | 50.41\% | 40.53\% |
| 1911 | 6.84\% | 19.69\% | 12.02\% |
| 1995 | 6.71\% | 26.79\% | 18.82\% |
| 1972 | 6.56\% | 0.11\% | -6.05\% |
| 1955 | 6.24\% | 5.49\% | -0.71\% |
| 1998 | 6.10\% | 24.88\% | 17.70\% |
| 2002 | 5.94\% | 16.72\% | 10.17\% |
| 1908 | 5.77\% | 20.05\% | 13.49\% |
| 1921 | 5.59\% | 31.28\% | 24.33\% |
| 1952 | 5.36\% | 2.44\% | -2.77\% |
| 1997 | 5.12\% | 15.45\% | 9.83\% |
| 1970 | 5.09\% | 11.04\% | 5.66\% |
| 1990 | 4.80\% | 25.66\% | 19.90\% |
| 1982 | 4.80\% | 23.54\% | 17.89\% |
| 1887 | 4.73\% | 8.91\% | 3.99\% |
| 1923 | 4.30\% | 17.54\% | 12.69\% |
| 1981 | 4.27\% | 16.32\% | 11.56\% |
| 1983 | 4.15\% | -1.45\% | -5.38\% |
| 1926 | 4.10\% | 20.85\% | 16.08\% |
| 1896 | 3.73\% | 24.03\% | 19.57\% |
| 1968 | 3.43\% | -10.12\% | -13.10\% |
| 1936 | 3.40\% | -22.02\% | -24.59\% |
| 1898 | 3.18\% | 35.24\% | 31.07\% |
| 1975 | 2.95\% | 15.42\% | 12.11\% |
| 1960 | 2.91\% | 21.29\% | 17.87\% |
| 1958 | 2.62\% | 19.03\% | 15.99\% |
| 1945 | 2.60\% | -9.35\% | -11.65\% |
| 1961 | 2.51\% | -16.22\% | -18.27\% |
| 1992 | 2.44\% | 14.08\% | 11.36\% |
| 1906 | 2.38\% | -37.89\% | -39.34\% |
| 1989 | 2.31\% | -7.67\% | -9.75\% |
| 1953 | 2.02\% | 27.67\% | 25.15\% |

The Monthly Effect for November
Dow Jones Industrial Average 1886-2004

| Year | November Change | Change for Year | Change from end of November |
| :---: | :---: | :---: | :---: |
| 1931 | -10.96\% | -41.29\% | -34.06\% |
| 1932 | -8.97\% | 42.42\% | 56.45\% |
| 1933 | 11.32\% | 5.90\% | -4.87\% |
| 1934 | 10.26\% | 49.68\% | 35.75\% |
| 1935 | 1.87\% | 26.80\% | 24.47\% |
| 1936 | 3.40\% | -22.02\% | -24.59\% |
| 1937 | -10.63\% | 9.81\% | 22.88\% |
| 1938 | -1.26\% | 0.10\% | 1.37\% |
| 1939 | -4.08\% | -11.37\% | -7.61\% |
| 1940 | -2.68\% | -12.47\% | -10.06\% |
| 1941 | -3.05\% | -3.18\% | -0.14\% |
| 1942 | 0.38\% | 21.22\% | 20.76\% |
| 1943 | -6.29\% | 5.97\% | 13.09\% |
| 1944 | 0.55\% | 27.35\% | 26.65\% |
| 1945 | 2.60\% | -9.35\% | -11.65\% |
| 1946 | 0.38\% | 7.48\% | 7.07\% |
| 1947 | -1.33\% | 3.75\% | 5.14\% |
| 1948 | -9.24\% | 0.49\% | 10.71\% |
| 1949 | 1.06\% | 18.71\% | 17.47\% |
| 1950 | 1.15\% | 16.59\% | 15.27\% |
| 1951 | -0.41\% | 2.62\% | 3.05\% |
| 1952 | 5.36\% | 2.44\% | -2.77\% |
| 1953 | 2.02\% | 27.67\% | 25.15\% |
| 1954 | 9.83\% | 29.17\% | 17.61\% |
| 1955 | 6.24\% | 5.49\% | -0.71\% |
| 1956 | -1.47\% | -8.09\% | -6.71\% |
| 1957 | 2.00\% | 23.17\% | 20.75\% |
| 1958 | 2.62\% | 19.03\% | 15.99\% |
| 1959 | 1.95\% | -10.24\% | -11.96\% |
| 1960 | 2.91\% | 21.29\% | 17.87\% |
| 1961 | 2.51\% | -16.22\% | -18.27\% |
| 1962 | 10.09\% | 28.06\% | 16.31\% |
| 1963 | -0.62\% | 15.60\% | 16.33\% |
| 1964 | 0.27\% | 10.05\% | 9.75\% |
| 1965 | -1.47\% | -16.00\% | -14.75\% |
| 1966 | -1.92\% | 9.00\% | 11.14\% |
| 1967 | -0.45\% | 8.26\% | 8.74\% |
| 1968 | 3.43\% | -10.12\% | -13.10\% |
| 1969 | -5.10\% | -11.73\% | -6.98\% |
| 1970 | 5.09\% | 11.04\% | 5.66\% |
| 1971 | -0.91\% | 13.89\% | 14.94\% |
| 1972 | 6.56\% | 0.11\% | -6.05\% |
| 1973 | -14.04\% | -30.43\% | -19.06\% |
| 1974 | -7.04\% | 25.62\% | 35.14\% |
| 1975 | 2.95\% | 15.42\% | 12.11\% |
| 1976 | -1.84\% | -15.19\% | -13.61\% |


| Year | November <br> Change | Change <br> for Year | Change from <br> end of |
| ---: | ---: | ---: | ---: |
| 1957 | $2.00 \%$ | $23.17 \%$ | Nover |
| 1959 | $1.95 \%$ | $-10.24 \%$ | $-11.96 \%$ |
| 1986 | $1.94 \%$ | $6.16 \%$ | $4.14 \%$ |
| 1893 | $1.90 \%$ | $-7.46 \%$ | $-9.19 \%$ |
| 1935 | $1.87 \%$ | $26.80 \%$ | $24.47 \%$ |
| 1977 | $1.39 \%$ | $-3.16 \%$ | $-4.49 \%$ |
| 1999 | $1.38 \%$ | $2.25 \%$ | $0.86 \%$ |
| 1916 | $1.30 \%$ | $-28.78 \%$ | $-29.70 \%$ |
| 1907 | $1.23 \%$ | $43.03 \%$ | $41.29 \%$ |
| 1950 | $1.15 \%$ | $16.59 \%$ | $15.27 \%$ |
| 1949 | $1.06 \%$ | $18.71 \%$ | $17.47 \%$ |
| 1901 | $0.87 \%$ | $2.50 \%$ | $1.62 \%$ |
| 1978 | $0.83 \%$ | $2.93 \%$ | $2.09 \%$ |
| 1979 | $0.82 \%$ | $13.34 \%$ | $12.42 \%$ |
| 1899 | $0.78 \%$ | $-21.25 \%$ | $-21.86 \%$ |
| 1912 | $0.77 \%$ | $-13.68 \%$ | $-14.34 \%$ |
| 1915 | $0.72 \%$ | $8.95 \%$ | $8.17 \%$ |
| 1886 | $0.70 \%$ | $-14.23 \%$ | $-14.83 \%$ |
| 1944 | $0.55 \%$ | $27.35 \%$ | $26.65 \%$ |
| 1946 | $0.38 \%$ | $7.48 \%$ | $7.07 \%$ |
| 1942 | $0.38 \%$ | $21.22 \%$ | $20.76 \%$ |
| 1964 | $0.27 \%$ | $10.05 \%$ | $9.75 \%$ |
| 1993 | $0.09 \%$ | $6.18 \%$ | $6.09 \%$ |
| 1930 | $0.02 \%$ | $-42.50 \%$ | $-42.51 \%$ |
| 2003 | $-0.19 \%$ | $2.31 \%$ | $2.50 \%$ |
| 1891 | $-0.26 \%$ | $1.15 \%$ | $1.41 \%$ |
| 1894 | $-0.40 \%$ | $10.76 \%$ | $11.20 \%$ |
| 1951 | $-0.41 \%$ | $2.62 \%$ | $3.05 \%$ |
| 1967 | $-0.45 \%$ | $8.26 \%$ | $8.74 \%$ |
| 1963 | $-0.62 \%$ | $15.60 \%$ | $16.33 \%$ |
| 1889 | $-0.81 \%$ | $-4.54 \%$ | $-3.76 \%$ |
| 1971 | $-0.91 \%$ | $13.89 \%$ | $14.94 \%$ |
| 1938 | $-1.26 \%$ | $0.10 \%$ | $1.37 \%$ |
| 1895 | $-1.30 \%$ | $-5.88 \%$ | $-4.64 \%$ |
| 1947 | $-1.33 \%$ | $3.75 \%$ | $5.14 \%$ |
| 1965 | $-1.47 \%$ | $-16.00 \%$ | $-14.75 \%$ |
| 1956 | $-1.47 \%$ | $-8.09 \%$ | $-6.71 \%$ |
| 1922 | $-1.52 \%$ | $-7.89 \%$ | $-6.47 \%$ |
| 1984 | $-1.53 \%$ | $13.83 \%$ | $15.59 \%$ |
| 1988 | $-1.59 \%$ | $23.10 \%$ | $25.09 \%$ |
| 1888 | $-1.67 \%$ | $6.10 \%$ | $7.90 \%$ |
| 1903 | $-1.78 \%$ | $39.66 \%$ | $42.19 \%$ |
| 1976 | $-1.84 \%$ | $-15.19 \%$ | $-13.61 \%$ |
| 1966 | $-1.92 \%$ | $9.00 \%$ | $11.14 \%$ |
| 1917 | $-2.48 \%$ | $14.78 \%$ | $17.70 \%$ |
|  | $-2.66 \%$ | $-10.60 \%$ | $-8.16 \%$ |

The Monthly Effect for November
Dow Jones Industrial Average 1886-2004

| Year | November Change | Change for Year | Change from end of November | Year | November Change | Change for Year | Change from end of November |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | 1.39\% | -3.16\% | -4.49\% | 1940 | -2.68\% | -12.47\% | -10.06\% |
| 1978 | 0.83\% | 2.93\% | 2.09\% | 1941 | -3.05\% | -3.18\% | -0.14\% |
| 1979 | 0.82\% | 13.34\% | 12.42\% | 1909 | -3.09\% | -14.44\% | -11.71\% |
| 1980 | 7.45\% | -7.78\% | -14.17\% | 1897 | -3.20\% | 13.06\% | 16.80\% |
| 1981 | 4.27\% | 16.32\% | 11.56\% | 1925 | -3.48\% | -3.92\% | -0.46\% |
| 1982 | 4.80\% | 23.54\% | 17.89\% | 1939 | -4.08\% | -11.37\% | -7.61\% |
| 1983 | 4.15\% | -1.45\% | -5.38\% | 1890 | -4.17\% | 2.62\% | 7.08\% |
| 1984 | -1.53\% | 13.83\% | 15.59\% | 1994 | -4.32\% | 21.68\% | 27.18\% |
| 1985 | 7.12\% | 36.64\% | 27.56\% | 1892 | -4.59\% | -15.01\% | -10.92\% |
| 1986 | 1.94\% | 6.16\% | 4.14\% | 2000 | -5.07\% | -17.28\% | -12.86\% |
| 1987 | -8.02\% | 7.78\% | 17.19\% | 1969 | -5.10\% | -11.73\% | -6.98\% |
| 1988 | -1.59\% | 23.10\% | 25.09\% | 1918 | -5.12\% | 39.07\% | 46.58\% |
| 1989 | 2.31\% | -7.67\% | -9.75\% | 1991 | -5.68\% | 5.12\% | 11.46\% |
| 1990 | 4.80\% | 25.66\% | 19.90\% | 1902 | -6.05\% | -31.68\% | -27.28\% |
| 1991 | -5.68\% | 5.12\% | 11.46\% | 1943 | -6.29\% | 5.97\% | 13.09\% |
| 1992 | 2.44\% | 14.08\% | 11.36\% | 1974 | -7.04\% | 25.62\% | 35.14\% |
| 1993 | 0.09\% | 6.18\% | 6.09\% | 1987 | -8.02\% | 7.78\% | 17.19\% |
| 1994 | -4.32\% | 21.68\% | 27.18\% | 1932 | -8.97\% | 42.42\% | 56.45\% |
| 1995 | 6.71\% | 26.79\% | 18.82\% | 1948 | -9.24\% | 0.49\% | 10.71\% |
| 1996 | 8.17\% | 23.43\% | 14.11\% | 1920 | -10.49\% | -13.82\% | -3.72\% |
| 1997 | 5.12\% | 15.45\% | 9.83\% | 1937 | -10.63\% | 9.81\% | 22.88\% |
| 1998 | 6.10\% | 24.88\% | 17.70\% | 1931 | -10.96\% | -41.29\% | -34.06\% |
| 1999 | 1.38\% | 2.25\% | 0.86\% | 1929 | -12.64\% | -32.96\% | -23.27\% |
| 2000 | -5.07\% | -17.28\% | -12.86\% | 1919 | -12.88\% | -28.57\% | -18.00\% |
| 2001 | 8.56\% | -7.47\% | -14.76\% | 1973 | -14.04\% | -30.43\% | -19.06\% |
| 2002 | 5.94\% | 16.72\% | 10.17\% | 1913 | (1) | (1) | (1) |
| 2003 | -0.19\% | 2.31\% | 2.50\% | 1914 | (1) | (1) | (1) |

(1) New York Stock Exchange closed from July 31, 1914 through December 11, 1914

The Monthly Effect for December
Dow Jones Industrial Average 1886-2004

| Sorted by Year |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | December Change | Change for Year | Change from end of December |
| 1886 | -2.60\% | -10.80\% | -8.42\% |
| 1887 | 0.00\% | 2.26\% | 2.26\% |
| 1888 | 2.48\% | 7.02\% | 4.43\% |
| 1889 | 1.05\% | -7.78\% | -8.73\% |
| 1890 | -2.02\% | 6.81\% | 9.01\% |
| 1891 | 1.92\% | -3.24\% | -5.07\% |
| 1892 | 1.81\% | -9.23\% | -10.84\% |
| 1893 | -8.01\% | -9.55\% | -1.67\% |
| 1894 | 1.19\% | 9.76\% | 8.46\% |
| 1895 | -6.26\% | -1.09\% | 5.51\% |
| 1896 | -1.36\% | 15.75\% | 17.35\% |
| 1897 | 4.11\% | 20.51\% | 15.75\% |
| 1898 | 5.80\% | 32.10\% | 24.86\% |
| 1899 | -12.54\% | -11.87\% | 0.76\% |
| 1900 | 6.19\% | -2.38\% | -8.07\% |
| 1901 | -0.69\% | -4.54\% | -3.87\% |
| 1902 | 3.61\% | -28.57\% | -31.06\% |
| 1903 | 10.81\% | 62.49\% | 46.64\% |
| 1904 | -3.35\% | 24.81\% | 29.14\% |
| 1905 | 7.02\% | 5.82\% | -1.12\% |
| 1906 | -0.80\% | -38.59\% | -38.09\% |
| 1907 | 0.58\% | 49.45\% | 48.58\% |
| 1908 | -1.31\% | 9.99\% | 11.46\% |
| 1909 | 3.16\% | -14.06\% | -16.69\% |
| 1910 | -1.41\% | -1.87\% | -0.47\% |
| 1911 | 0.88\% | 12.88\% | 11.90\% |
| 1912 | -3.87\% | -16.92\% | -13.58\% |
| 1913 | (1) | (1) | (1) |
| 1914 | (1) | (1) | (1) |
| 1915 | 2.52\% | 9.58\% | 6.88\% |
| 1916 | -10.35\% | -31.44\% | -23.53\% |
| 1917 | 2.38\% | 11.67\% | 9.08\% |
| 1918 | 1.32\% | 27.70\% | 26.03\% |
| 1919 | 3.50\% | -26.60\% | -29.09\% |
| 1920 | -5.38\% | 1.66\% | 7.44\% |
| 1921 | 4.92\% | 22.45\% | 16.71\% |
| 1922 | 4.31\% | -2.44\% | -6.47\% |
| 1923 | 3.44\% | 20.62\% | 16.60\% |
| 1924 | 8.20\% | 35.64\% | 25.37\% |
| 1925 | 3.69\% | 3.62\% | -0.07\% |
| 1926 | 0.42\% | 26.61\% | 26.09\% |
| 1927 | 2.11\% | 48.01\% | 44.95\% |
| 1928 | 2.26\% | -18.55\% | -20.35\% |
| 1929 | 3.99\% | -23.25\% | -26.20\% |
| 1930 | -10.26\% | -48.81\% | -42.96\% |


| Sorted by Performance |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | December Change | Change for Year | Change from end of December |
| 1903 | 10.81\% | 62.49\% | 46.64\% |
| 1991 | 9.47\% | 14.18\% | 4.30\% |
| 1924 | 8.20\% | 35.64\% | 25.37\% |
| 1971 | 7.08\% | 22.48\% | 14.38\% |
| 1905 | 7.02\% | 5.82\% | -1.12\% |
| 2003 | 6.86\% | 6.60\% | -0.25\% |
| 1932 | 6.35\% | 74.16\% | 63.76\% |
| 1900 | 6.19\% | -2.38\% | -8.07\% |
| 1976 | 6.06\% | -12.41\% | -17.41\% |
| 1898 | 5.80\% | 32.10\% | 24.86\% |
| 1987 | 5.74\% | 15.32\% | 9.06\% |
| 1999 | 5.69\% | -4.26\% | -9.42\% |
| 1970 | 5.65\% | 4.69\% | -0.90\% |
| 1956 | 5.65\% | -4.85\% | -9.93\% |
| 1985 | 5.06\% | 30.03\% | 23.76\% |
| 1921 | 4.92\% | 22.45\% | 16.71\% |
| 1943 | 4.88\% | 13.71\% | 8.42\% |
| 1958 | 4.70\% | 18.25\% | 12.94\% |
| 1954 | 4.56\% | 24.95\% | 19.50\% |
| 1949 | 4.48\% | 18.82\% | 13.73\% |
| 1946 | 4.36\% | 5.65\% | 1.24\% |
| 1922 | 4.31\% | -2.44\% | -6.47\% |
| 1942 | 4.28\% | 13.16\% | 8.52\% |
| 1897 | 4.11\% | 20.51\% | 15.75\% |
| 1929 | 3.99\% | -23.25\% | -26.20\% |
| 1925 | 3.69\% | 3.62\% | -0.07\% |
| 1902 | 3.61\% | -28.57\% | -31.06\% |
| 2000 | 3.58\% | -5.41\% | -8.67\% |
| 1948 | 3.56\% | 11.89\% | 8.04\% |
| 1919 | 3.50\% | -26.60\% | -29.09\% |
| 1973 | 3.48\% | -24.76\% | -27.29\% |
| 1923 | 3.44\% | 20.62\% | 16.60\% |
| 1950 | 3.43\% | 14.79\% | 10.99\% |
| 1944 | 3.39\% | 29.95\% | 25.70\% |
| 1967 | 3.35\% | 12.48\% | 8.84\% |
| 1938 | 3.30\% | -2.76\% | -5.86\% |
| 1909 | 3.16\% | -14.06\% | -16.69\% |
| 1960 | 3.13\% | 20.83\% | 17.16\% |
| 1939 | 3.12\% | -10.08\% | -12.81\% |
| 1959 | 3.06\% | -9.40\% | -12.09\% |
| 1951 | 3.05\% | 8.57\% | 5.36\% |
| 1952 | 2.90\% | -0.81\% | -3.61\% |
| 1990 | 2.89\% | 13.09\% | 9.91\% |
| 1988 | 2.56\% | 27.99\% | 24.80\% |
| 1994 | 2.55\% | 35.71\% | 32.34\% |

The Monthly Effect for December
Dow Jones Industrial Average 1886-2004

| Year | December Change | Change for Year | Change from end of December |
| :---: | :---: | :---: | :---: |
| 1931 | -17.01\% | -39.97\% | -27.66\% |
| 1932 | 6.35\% | 74.16\% | 63.76\% |
| 1933 | 1.79\% | 4.89\% | 3.04\% |
| 1934 | 1.07\% | 38.28\% | 36.82\% |
| 1935 | 1.25\% | 28.71\% | 27.12\% |
| 1936 | -1.81\% | -32.61\% | -31.36\% |
| 1937 | -2.13\% | 21.33\% | 23.97\% |
| 1938 | 3.30\% | -2.76\% | -5.86\% |
| 1939 | 3.12\% | -10.08\% | -12.81\% |
| 1940 | 0.10\% | -12.80\% | -12.89\% |
| 1941 | -2.86\% | 0.24\% | 3.19\% |
| 1942 | 4.28\% | 13.16\% | 8.52\% |
| 1943 | 4.88\% | 13.71\% | 8.42\% |
| 1944 | 3.39\% | 29.95\% | 25.70\% |
| 1945 | 0.76\% | -11.31\% | -11.98\% |
| 1946 | 4.36\% | 5.65\% | 1.24\% |
| 1947 | 0.98\% | -4.57\% | -5.50\% |
| 1948 | 3.56\% | 11.89\% | 8.04\% |
| 1949 | 4.48\% | 18.82\% | 13.73\% |
| 1950 | 3.43\% | 14.79\% | 10.99\% |
| 1951 | 3.05\% | 8.57\% | 5.36\% |
| 1952 | 2.90\% | -0.81\% | -3.61\% |
| 1953 | -0.17\% | 37.46\% | 37.69\% |
| 1954 | 4.56\% | 24.95\% | 19.50\% |
| 1955 | 1.06\% | -2.17\% | -3.20\% |
| 1956 | 5.65\% | -4.85\% | -9.93\% |
| 1957 | -3.15\% | 23.92\% | 27.95\% |
| 1958 | 4.70\% | 18.25\% | 12.94\% |
| 1959 | 3.06\% | -9.40\% | -12.09\% |
| 1960 | 3.13\% | 20.83\% | 17.16\% |
| 1961 | 1.32\% | -10.02\% | -11.19\% |
| 1962 | 0.43\% | 15.59\% | 15.09\% |
| 1963 | 1.66\% | 16.64\% | 14.74\% |
| 1964 | -0.15\% | 8.14\% | 8.30\% |
| 1965 | 2.38\% | -16.39\% | -18.33\% |
| 1966 | -0.75\% | 10.64\% | 11.47\% |
| 1967 | 3.35\% | 12.48\% | 8.84\% |
| 1968 | -4.20\% | -17.54\% | -13.93\% |
| 1969 | -1.47\% | -2.24\% | -0.78\% |
| 1970 | 5.65\% | 4.69\% | -0.90\% |
| 1971 | 7.08\% | 22.48\% | 14.38\% |
| 1972 | 0.18\% | -19.25\% | -19.39\% |
| 1973 | 3.48\% | -24.76\% | -27.29\% |
| 1974 | -0.39\% | 39.12\% | 39.66\% |
| 1975 | -0.96\% | 10.06\% | 11.12\% |
| 1976 | 6.06\% | -12.41\% | -17.41\% |


| Year | December <br> Change | Change <br> for Year | Change from <br> end of <br> December |
| ---: | ---: | ---: | ---: |
| 1915 | $2.52 \%$ | $9.58 \%$ | $6.88 \%$ |
| 1888 | $2.48 \%$ | $7.02 \%$ | $4.43 \%$ |
| 1965 | $2.38 \%$ | $-16.39 \%$ | $-18.33 \%$ |
| 1917 | $2.38 \%$ | $11.67 \%$ | $9.08 \%$ |
| 1928 | $2.26 \%$ | $-18.55 \%$ | $-20.35 \%$ |
| 1927 | $2.11 \%$ | $48.01 \%$ | $44.95 \%$ |
| 1979 | $1.99 \%$ | $20.79 \%$ | $18.43 \%$ |
| 1891 | $1.92 \%$ | $-3.24 \%$ | $-5.07 \%$ |
| 1993 | $1.90 \%$ | $1.50 \%$ | $-0.40 \%$ |
| 1984 | $1.90 \%$ | $23.82 \%$ | $21.51 \%$ |
| 1892 | $1.81 \%$ | $-9.23 \%$ | $-10.84 \%$ |
| 1933 | $1.79 \%$ | $4.89 \%$ | $3.04 \%$ |
| 1989 | $1.73 \%$ | $-5.42 \%$ | $-7.03 \%$ |
| 2001 | $1.73 \%$ | $-9.70 \%$ | $-11.23 \%$ |
| 1963 | $1.66 \%$ | $16.64 \%$ | $14.74 \%$ |
| 1961 | $1.32 \%$ | $-10.02 \%$ | $-11.19 \%$ |
| 1918 | $1.32 \%$ | $27.70 \%$ | $26.03 \%$ |
| 1935 | $1.25 \%$ | $28.71 \%$ | $27.12 \%$ |
| 1894 | $1.19 \%$ | $9.76 \%$ | $8.46 \%$ |
| 1997 | $1.09 \%$ | $16.53 \%$ | $15.28 \%$ |
| 1934 | $1.07 \%$ | $38.28 \%$ | $36.82 \%$ |
| 1955 | $1.06 \%$ | $-2.17 \%$ | $-3.20 \%$ |
| 1889 | $1.05 \%$ | $-7.78 \%$ | $-8.73 \%$ |
| 1947 | $0.98 \%$ | $-4.57 \%$ | $-5.50 \%$ |
| 1911 | $0.88 \%$ | $12.88 \%$ | $11.90 \%$ |
| 1995 | $0.84 \%$ | $28.52 \%$ | $27.45 \%$ |
| 1945 | $0.76 \%$ | $-11.31 \%$ | $-11.98 \%$ |
| 1978 | $0.75 \%$ | $2.92 \%$ | $2.15 \%$ |
| 1998 | $0.71 \%$ | $19.32 \%$ | $18.48 \%$ |
| 1982 | $0.70 \%$ | $22.78 \%$ | $21.93 \%$ |
| 1907 | $0.58 \%$ | $49.45 \%$ | $48.58 \%$ |
| 1962 | $0.43 \%$ | $15.59 \%$ | $15.09 \%$ |
| 1926 | $0.42 \%$ | $26.61 \%$ | $26.09 \%$ |
| 1972 | $0.18 \%$ | $-19.25 \%$ | $-19.39 \%$ |
| 1977 | $0.18 \%$ | $-3.70 \%$ | $-3.87 \%$ |
| 1940 | $0.10 \%$ | $-12.80 \%$ | $-12.89 \%$ |
| 1887 | $0.00 \%$ | $2.26 \%$ | $2.26 \%$ |
| 1992 | $-0.12 \%$ | $11.46 \%$ | $11.60 \%$ |
| 1964 | $-0.15 \%$ | $8.14 \%$ | $8.30 \%$ |
| 1953 | $-0.17 \%$ | $37.46 \%$ | $37.69 \%$ |
| 1974 | $-0.39 \%$ | $39.12 \%$ | $39.66 \%$ |
| 1901 | $-0.69 \%$ | $-4.54 \%$ | $-3.87 \%$ |
| 1966 | $-0.75 \%$ | $10.64 \%$ | $11.47 \%$ |
| 1906 | $-0.80 \%$ | $-38.59 \%$ | $-38.09 \%$ |
| 1986 | $-0.95 \%$ | $-4.21 \%$ | $-3.29 \%$ |
|  | $-0.96 \%$ | $10.06 \%$ | $11.12 \%$ |
|  |  |  |  |

The Monthly Effect for December
Dow Jones Industrial Average 1886-2004

| Year | December Change | Change for Year | Change from end of December | Year | December Change | Change for Year | Change from end of December |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1977 | 0.18\% | -3.70\% | -3.87\% | 1996 | -1.13\% | 19.96\% | 21.32\% |
| 1978 | 0.75\% | 2.92\% | 2.15\% | 1908 | -1.31\% | 9.99\% | 11.46\% |
| 1979 | 1.99\% | 20.79\% | 18.43\% | 1983 | -1.36\% | -6.82\% | -5.54\% |
| 1980 | -2.95\% | -10.51\% | -7.78\% | 1896 | -1.36\% | 15.75\% | 17.35\% |
| 1981 | -1.57\% | 16.91\% | 18.77\% | 1910 | -1.41\% | -1.87\% | -0.47\% |
| 1982 | 0.70\% | 22.78\% | 21.93\% | 1969 | -1.47\% | -2.24\% | -0.78\% |
| 1983 | -1.36\% | -6.82\% | -5.54\% | 1981 | -1.57\% | 16.91\% | 18.77\% |
| 1984 | 1.90\% | 23.82\% | 21.51\% | 1936 | -1.81\% | -32.61\% | -31.36\% |
| 1985 | 5.06\% | 30.03\% | 23.76\% | 1890 | -2.02\% | 6.81\% | 9.01\% |
| 1986 | -0.95\% | -4.21\% | -3.29\% | 1937 | -2.13\% | 21.33\% | 23.97\% |
| 1987 | 5.74\% | 15.32\% | 9.06\% | 1886 | -2.60\% | -10.80\% | -8.42\% |
| 1988 | 2.56\% | 27.99\% | 24.80\% | 1941 | -2.86\% | 0.24\% | 3.19\% |
| 1989 | 1.73\% | -5.42\% | -7.03\% | 1980 | -2.95\% | -10.51\% | -7.78\% |
| 1990 | 2.89\% | 13.09\% | 9.91\% | 1957 | -3.15\% | 23.92\% | 27.95\% |
| 1991 | 9.47\% | 14.18\% | 4.30\% | 1904 | -3.35\% | 24.81\% | 29.14\% |
| 1992 | -0.12\% | 11.46\% | 11.60\% | 1912 | -3.87\% | -16.92\% | -13.58\% |
| 1993 | 1.90\% | 1.50\% | -0.40\% | 1968 | -4.20\% | -17.54\% | -13.93\% |
| 1994 | 2.55\% | 35.71\% | 32.34\% | 1920 | -5.38\% | 1.66\% | 7.44\% |
| 1995 | 0.84\% | 28.52\% | 27.45\% | 2002 | -6.23\% | 9.96\% | 17.27\% |
| 1996 | -1.13\% | 19.96\% | 21.32\% | 1895 | -6.26\% | -1.09\% | 5.51\% |
| 1997 | 1.09\% | 16.53\% | 15.28\% | 1893 | -8.01\% | -9.55\% | -1.67\% |
| 1998 | 0.71\% | 19.32\% | 18.48\% | 1930 | -10.26\% | -48.81\% | -42.96\% |
| 1999 | 5.69\% | -4.26\% | -9.42\% | 1916 | -10.35\% | -31.44\% | -23.53\% |
| 2000 | 3.58\% | -5.41\% | -8.67\% | 1899 | -12.54\% | -11.87\% | 0.76\% |
| 2001 | 1.73\% | -9.70\% | -11.23\% | 1931 | -17.01\% | -39.97\% | -27.66\% |
| 2002 | -6.23\% | 9.96\% | 17.27\% | 1913 | (1) | (1) | (1) |
| 2003 | 6.86\% | 6.60\% | -0.25\% | 1914 | (1) | (1) | (1) |

(1) New York Stock Exchange closed from July 31, 1914 through December 11, 1914

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